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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III-SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और सूचनाएँ
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Calcutta, the 20th September 1997

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एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 20 सितम्बर 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चैन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार और के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोजर पररेल (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा राजा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता-“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,

विंग सी (सी-4, ए)

तीसरा तल, राजाजी भवन बसन्त नगर,

चैन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिवि द्वीप ।

तार पता - “पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुस्तरीय कार्यालय
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234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - “पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अर्पित सभी आवेदन-पत्र संचनर्ण, विवरण या अन्य प्रत्येक पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
बैंक आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है ।

CORRIGENDUM

In the 1st Column of page 289 in the Gazette of India, Part III, Sec. 2 dated 15-2-97 in respect of the application for Patent No. 177672 (110/Del/88) the number of the specification should be read as 177673 instead of 177672 and in and 2nd column in respect of the application for Patent No. 177673 (178/Del/87) the number of complete specification should be read as 177672 instead of 177673.

APPLICATIONS FOR PATENTS FILED AT THE PATENT
OFFICE BRANCH, WING C (C-4 'A') IIIrd FLOOR,
PAJAJI BHAVAN, BESANT NAGER CHENNAI-600090.

9th Jun. 1997

- 1227/Mas/97. A. Rama Rao An improvement in or relating for "television viewers better utility"
- 1228/Mas/97. Martin Gregory Goode and Clark Curtis Williams. Method for feeding a liquid catalyst to a fluidized bed polymerization reactor.
- 1229/Mas/97. Smithkline Beecham plc. Composition (June 10, 1996; United Kingdom).

1230/Mas/97. Smithkline Beecham Consumer Healthcare GmbH. Device, (June 11, 1996; Europe).

1231/Mas/97. Robert Bosch GMBH. Electric band saw machine.

1232/Mas/97. Starsight Telecast Inc. Method and apparatus for searching a guide using program characteristics. (June 13, 1996; U.S.A.).

1233/Mas/97. BASF Aktiengesellschaft. Preparation of a catalyst comprising a catalytically active material applied to the surface of a support, (June 12, 1996; Germany).

1234/Mas/97. BASF Aktiengesellschaft. Dye mixtures. (June 12, 1996; Germany).

1235/Mas/97. The Hamilton Airship Company Limited. Airship. (June 10, 1996; South Africa).

1236/Mas/97. Huls Aktiengesellschaft. Hydrophilic coating of surfaces of polymeric substrates. (June 19, 1996; Germany).

1237/Mas/97. Aspinwall & Co. (Travancore) Ltd. Jute rich skid resistant mats.

10th June, 1997

- 1238/Mas/97. Honda Gilken-Kogyo Kabushiki Kaisha and Mitsuba Corporation. Electrolytic test machine. (June 10, 1996; Japan).
- 1239/Mas/97. Honda Giken Kabushiki Kaisha and Mitsuba Corporation. Electrolytic test machine. (June 10, 1996; Japan).
- 1240/Mas/97. Novo Nordisk A/S. Modified form of the R(-)-N-(4,4-di(3-methylthien-2-yl) but-3-enyl)-nipoctic acid hydrochloride. (June 14, 1996; Denmark).
- 1241/Mas/97. Schwihac Gesellschaft fur Eisenbahnoberbau mbH. Point blades. (June 11, 1996; Germany).
- 1242/Mas/97. Hois Aktiengesellschaft. Catalyst and method for catalytic off-gas celaning in the DMT process. (September 17, 1996; Germany).
- 1243/Mas/97. Novo Nordisk Biotech Inc. A method for increasing hemoprotein production in filamentous fungi. (June 10, 1996; U.S.A.).
- 1244/Mas/97. Novo Nordisk Biotech Inc. Aspergillus oryzae 5-aminolevulinic acid synthases and nucleic acid encoding same. (June 10, 1996; U.S.A.).
- 1245/Mas/97. Novo Nordisk Biotech Inc. Aspergillus porphobilinogen synthases and nucleic acids encoding same. (June 10, 1996; U.S.A.).
- 1246/Mas/97. Daewoo Electronics Co. Ltd. Method of manufacturing a condenser for a refrigerator. (August 31, 1996; Korea).
- 1247/Mas/97. Daewoo Electronics Co. Ltd. Automatic ice maker of a refrigerator. (August 31, 1996; Korea).
- 1248/Mas/97. Daewoo Electronics Co. Ltd. Method for controlling a fan of a refrigerator. (September 30, 1996; Korea).
- 1249/Mas/97. Daewoo Electronics Co. Ltd. Apparatus for controlling amount of feeding water in automatic ice maker of refrigerator. (September 25, 1996; Korea).
- 1250/Mas/97. Daewoo Electronics Co. Ltd. Method for controlling a pausing period of a defrosting operation of a refrigerator. (August 31, 1996; Korea).
- 1251/Mas/97. Daewoo Electronics Co. Ltd. Method for controlling an operation of an automatic ice maker in a refrigerator. (September 25, 1996; Korea).
- 1252/Mas/97. PBH, Inc. Variable transmissivity annular mask lens for the treatment of optical aberrations. (June 14, 1996; U.S.A.).
- 1253/Mas/97. PBH, Inc. Annular mask lens having diffraction reducing edges. (June 14, 1996; U.S.A.).

11th June, 1997

- 1254/Mas/97. Luras Industries Public Limited Company. Brake shoe for an internal shoe drum brake. (November 19, 1991; Great Britain).
- 1255/Mas/97. J. Harihara Reddy. Earned energy mobile..
- 1256/Mas/97. ELF Atochem Vliissingen B. V. A glass article. (June 11, 1996; France).
- 1257/Mas/97. BASF Aktiengesellschaft. Metallecone catalyst systems having inorganic oxides as supports. (June 11, 1996; Germany).
- 1258/Mas/97. Idemitsu Kosan Co. Ltd. Refrigerator oil composition. (June 25, 1996; Japan).
- 1259/Mas/97. Hoechst Aktiengesellschaft. Process for preparing sulfur-containing polymers.. (June 14, 1996; Germany).
- 1260/Mas/97. BASF AG. Preparation of aqueous polymer dispersions of low viscosity with polymer volume

concentrations of at least 50%. (June 18, 1996; Germany).

- 1261/Mas/97. BASF AG. Preparation of low-viscosity, aqueous polymer dispersions having polymer volume concentrations of at least 50% by volume. (June 18, 1996; Germany).
- 1262/Mas/97. BASF AG. Purification of E-caprolactam. (June 13, 1996; Germany).
- 1263/Mas/97. Nokia Telecommunications OY. Transmitting subscriber identity in mobile communication system.
- 1264/Mas/97. Castrol Limited. A lubricant for use in diesel engines. (June 12, 1996; United Kingdom).
- 1265/Mas/97. Minnesota Mining and Manufacturing Company. Active device receptacle. (June 13, 1996; U.S.A.).
- 1266/Mas/97. Zellweger Luwa AG. Test apparatus for a test material moved longitudinally.

12th June, 1997. *

- 1267/Mas/97. Matsushita Electric Industrial Co. Ltd. Mobile communication receiving apparatus. (June 13, 1996; Japan).
- 1268/Mas/97. YKK Corporation. Knit slide fastener stringer. (June 24, 1996; Japan).
- 1269/Mas/97. Novartis AG. Solid oral dosage forms. (June 27, 1996; Great Britain).
- 1270/Mas/97. Societe Des Produits Nestle SA. Spray-drying process.
- 1271/Mas/97. Soremartec SA. A method for manufacturing shaped wafers, an intermediate product and a wafer obtained by this method, and an associated mould. (June 17, 1996; Switzerland).
- 1272/Mas/97. Kimberly-Clark Worldwide, Inc. Absorbent article having a composite breathable backsheet. (June 21, 1996; U.S.A.).
- 1273/Mas/97. Minnesota Mining and Manufacturing Company and Honeywall Inc. Active device receptacle. (June 13, 1996; U.S.A.).
- 1274/Mas/97. Starsight Telecast Incorporated. System and method for using television schedule information.
- 1275/Mas/97. Nokia Telecommunications OY. Echo suppressor and non-linear processor of echo canceller. (June 19, 1996; Finland).
- 1276/Mas/97. British Telecommunications PLC. ATM network management. (June 13, 1996; United Kingdom).

13th June, 1997

- 1277/Mas/97. Central Silk Technological Research Institute. Denier detecting device in silk reeling.
- 1278/Mas/97. Siddaiah Sudarshan Naik. Improvements in or relating to the manufacture of pedalling systems for devices having pedalling systems such as bicycles, tricycles or the like.
- 1279/Mas/97. Rajagopal Ramesh; Jyothsna Ramesh and P.S. Shankar Sha. An improved thermal insulation method for process fluids using vacuum.
- 1280/Mas/97. Asea Brown Boveri AG. Method of operating a drive system and device for carrying out the method. (July 1, 1996; Germany).
- 1281/Mas/97. BASF Aktiengesellschaft. Leuco vat dye preparations in granule form. (June 18, 1996; Germany).
- 1282/Mas/97. Honda Giken Kosyo Kabushiki Kaisha. Lubricating system in 4-cycle engine. (October 9, 1996; Japan).

- 1283/Mas/97. Auragen Inc. Sample delivery module for gas driven gene delivery instrument. (June 14, 1996; U.S.A.).
- 1284/Mas/97. Cabot Corporation. Ink and coating compositions containing silicon-treated carbon black. (June 14, 1996; U.S.A.).
- 1285/Mas/97. Cabot Corporation. Modified colored pigments and ink jet inks, inks and coatings containing modified colored pigments. (June 14, 1996; U.S.A.).
- 1286/Mas/97. Cabot Corporation. Modified carbon products and inks and coatings containing modified carbon products. (June 14, 1996; U.S.A.).
- 1287/Mas/97. Cabot Corporation. Compositions of modified carbon products and amphiphilic ions and methods of using the same. (June 14, 1996; U.S.A.).
- 1288/Mas/97. Cultor Limited. Improvement in the effect of herbicides. (June 14, 1996; Finland).
- 1289/Mas/97. Kimberly-Clark Worldwide, Inc. Self-crimping conjugate filament and seamless band formed therefrom and method of making same. (June 27, 1996; United States of America).
- 1290/Mas/97. Smithkline Beecham p.l.c. Composition, (June 15, 1996; United Kingdom).
- 1291/Mas/97. Fructamine S.p.A. Process for the purification of an intermediate. (June 13, 1996; Italy).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date this issue or within such further period not exceeding one month applied for on Form-14 prescribed, under the Patents Rules, 1972 before the expiry of the said period of four months, given notice the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications, given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charge per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान के विरोध करने के हितुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदन एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र के उपयुक्त कार्यालय में ऐसे विरोध की

सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा स्निहित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्याँकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकल्पन किया जा सकता है।

Cl. : 188

179211

Int. Cl.⁴ : C 23 C 28/00.

"A METHOD OF FORMING MULTILAYER COATINGS ON BASIC SUBSTRATE BY CO-LINEAR VACUUM CO-EVAPORATION TECHNIQUE AND AN APPARATUS THEREFOR".

Applicant : (1) TADAVPUR UNIVERSITY, CALCUTTA-700 032, WEST BENGAL, INDIA. and

(2) SCIENCE AND TECHNOLOGY DEPARTMENT, GOVT. OF WEST BENGAL, BIKASH BHAVAN, EASTERN WING, SALT LAKE CITY, CALCUTTA, INDIA.

Inventors : (1) MANISH KUMAR MUKHERJEE,
(2) BISWAJIT GHOSH.

Application No. : 228/Cal/1992 filed on 6th April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutt.

18 Claims;

A single step method of forming multilayer coatings of the type herein described on a substrate by co-linear vacuum co evaporation of the coating constituents within an evaporator comprising :

providing constituents of a first layer of said coating in a lower chamber of an evaporator ;

providing constituents in a tablet form of a second layer of said coating in the region of a common outlet of said evaporator, said tablets having a temperature of evaporation higher than that of the said constituents of the first layer of the coating ;

placing said substrate below the cover member of said evaporator ; heating the evaporator to produce vapours of the first constituent which flow upwardly and mix with one another to collect under said common outlet having the tableted constituent of the second coat so as to form a pressure on the limited tableted constituent and thereby allow it to crack, to open and common outlet and allow the mixed vapours of said first coat to pass into the evaporator outlet and be deposited on said substrate as said first coat; and

on continued heating, the evaporator temperature of evaporation of the tablated constituents of the said second coat is attained and the vapours thus formed pass through the evaporator outlet to be deposited over the them already formed first coat as the second on the basic substrate,

(Compl. Specns. : 25 pages; Drgns. : 1 Sheet;

Cl. : 186 B₄ 179212

Int. Cl.⁴ : H 01 M 5/14.

"A SYSTEM FOR SCRAMBLING AND DESCRAMBLING OF VIDEO SIGNALS WITH EDGE FILL".

Applicant : MACROVISION CORPORATION, OF 700 EAST EL CAMINO REAL, SUITE 200 MOUNTAIN VIEW, CALIFORNIA 94040 UNITED STATES OF AMERICA.

Inventors : (1) RYAN JOHN OLIVER,
(2) QUAN RONALD,
(3) HOLZGRAFE JAMES ROBERT,
(4) WONIFOR PETER JAMES.

Application No. : 828/Cal/1992 filed on 12th November, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

4 Claims

A system for scrambling and descrambling of video signals with edge fill, for improved security and concealment, comprising

(i) a scrambler, as described herein with reference to Fig. 4, for timeshifting the horizontal lines of the video signal relating to the vertical sync signal of that field in which the horizontal lines in each field are timeshifted by an amount different from the amount of timeshifting or the horizontal lines, in a previous video field and for inserting into the video signal an encrypted indication of the amount of timeshifting, having an input buffer (66) fed with video input, which supplies input signals to clamp and AGC (72) and genlock (68); the clamp and AGC (72) supplying the video signal to video analog-to-digital converter (74) to produce a digitized video signal which is fed to each of 1H buffer (76), adder (78) and subtractor (SUBTRACT) (80), the output of 1H buffer (76) being supplied to each of adder (78), subtractor (80) and chroma D/A (106); and genlock (68) supplying write clock signal to write address (70), the output of which is fed to 1H buffer (82) which receives signals also from adder (78) and is interconnected for exchange of signals with 1H buffer (84) which receives signals from each of subtractor (80) and read address (94), 1H buffer (82) supplying the Y (luminance) signal and 1H buffer (84) supplying the C (Chrominance) signal to luma D/A (104) and chroma D/A (98) respectively along with matching clock signals and the address bus data; and a randomly varying number generator (88) which outputs a frequency modulated sine wave in the digital domain, latched once per video field and provided as input to data D/A converter (90) in the form stepped sine wave approximation which is supplied for driving phase lock loop (PLL) (92) and for generating a read clock signal, applied to a counter in read address (94) and for supplying the read clock signal to the double balanced modulator circuit in heterodyne (100) the output of which is fed to video adder (102) which receives signals also from each of luma D/A (104) randomly varying number generator (88) through an encryptor (ENCRYPT) (96), and vertical blanking interval and horizontal blanking interval signal generator (VBI/HBI REGEN) (108) through chroma D/A (106), and provides a scrambled video signal output through output driver (100); and

(ii) a descrambler, as described herein with reference to Fig. 19, for descrambling the said scrambled video signal having an input buffer (520) to which the received scrambled video signal is fed and the output of which is supplied to (a) data extractor (522), data decryptor (524) provided with

an authorization key signal for decoding the scrambled video signal, data D/A (526) for converting data from digital to analog form, low-pass filter (528) for smoothening the data of analog form, comparator array (530), in sequence; (b) horizontal phase lock loop (HORIZ PLL) (534) which is locked to the horizontal line rate of the horizontal sync of the incoming scrambled signal and drives an analog ramp generator (536) the output of which is fed to comparator array (530); (c) burst regenerator (BURST REGEN) (542) and (d) video inverter (540) and video switch (548); the comparator array (530) being provided for comparing the output of analog ramp generator (536) with the output of low-pass filter (528) to produce a moving edge signal for time scaling all elements of the horizontal blanking interval and supplying the output thereof to colour burst regenerator (BURST REGEN) (542) and to horizontal blanking interval regenerator (HBI REGEN) (544) for generating burst, horizontal sync and horizontal blanking (H.B.) signals which are supplied to video switch (548) which supplies the descrambled video output through output driver (550).

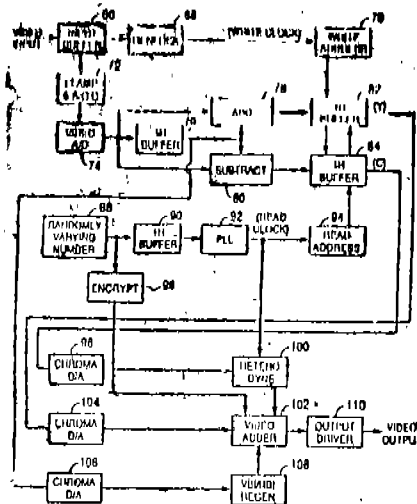


FIG. 4

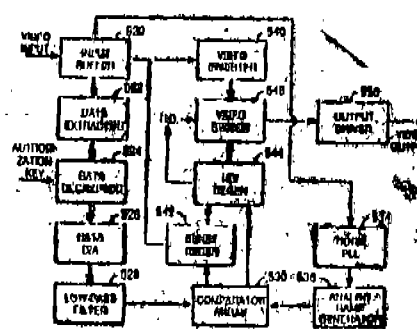


FIG. 13

(Compl. Specns. : 54 pages;

Drgns. : 18 Sheets)

Cl. : 172 B

179213

Int. Cl. : D 01 G 15/32.

"COVER BAR FOR A CARDING MACHINE AND A METHOD OF MANUFACTURE OF THE SAME".

Applicant : TRUTZSCHLER GM-BH & CO KG OF DUVENSTR. 82-92, D-4050 MONCHENGLADBACH 3, GERMANY,

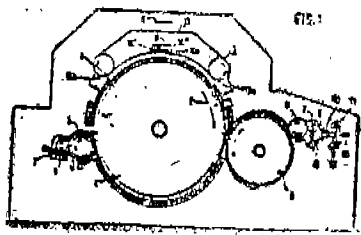
Inventors : (1) GUIDO, SPIX
(2) HERMANN TRUTZSCHLER.

Application No. : 214/Cal/1993 filed on 15th April, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta,

52 Claims

A cover bar for a chiding machine, which contains a carrier body (14d) with a garniture catching part, where two terminal headers (14a) are allocated to the carrier, body, where by the two terminal headers slide on a slide track (17) and remain engaged, with an endless drive element (16) whereby the cover bars, (14, 14' 14" ... 14") are returned again to their opposite side, characterised in that the terminal headers (14a, 14a', 14a") contain, at least one element (23; 23'; 23"; 23") the element includes at least one slide area (14b; 23"), which touches the slide track (17) and a firing area (40), which remains engaged with the carrier body (14d) of the cover bar (14) and at the same time holds the slide area.



(Compl. Specns. : 23 pages; Drgns. : 9 Sheets)

Cl. : 48 A 4 D 2 179214

Int. Cl.⁴ : H 02 G 3/04, 9/06.

"A CABLE ROUTING DEVICE HAVING AT LEAST ONE CABLE CONDUIT MADE OF SYNTHETIC THERMOPLASTIC MATERIAL".

Applicant : DIPL.-ING. DR. FIRNST VOGELSANG GMBH & CO. KG., OF INDUSTRIESTRASSE 2, 4332 HERTTEN/WESTG, GERMANY.

Inventors : HORST VOGELSANG.

Application No, 305/Cal/1993 filed on 1st June; 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutt.

5 Claims

A cable routing device having at least one cable conduct made of synthetic thermoplastic material comprising a cable routing duct having a conduct inside wall which is circular in cross-section and which has the tubs inside radius and having sliding ribs disposed on the conduit inside wall which are integrally formed from the synthetic thermoplastic material which runs at a predetermined angle of rotation α with respect to the internal circumference, wherein in a cable conduct which is disposed in a straight line with a cable to be introduced, contact areas of the rib contact width b are formed between the ribs and the cable sheath of the cable to be introduced, characterised in that

(i) the sliding ribs run in the form of waves and form reversal regions between sections with a constant angle of rotation;

(ii) the rib contact width b , the number z of sliding ribs distributed equidistantly over the circumference of the conduit inside wall, the tubs inside radius r and a length, which is, denoted as T_k of the rib contact sections between the reversal regions satisfy the equation

$$Ar - 0.16 - b^2 z L_k,$$

where A defines the contact area of the cable sheath on the points of interaction with the sliding ribs in the rib contact sections, and falls numerically within the range from 4.5 to 32mm²;

(iii) the angle g , measured in radiance, of the sliding ribs, measured at the conduit inside wall satisfies the equation $g =$

and falls numerically within the range from 0.001 to 1.2 radiance, wherein r is selected within the range from 12 to 100mm and L_k is selected within the range from 500 to 10,000mm, and wherein the cables to be introduced have an external radius within the range from 5 to 45mm.

(Compl. Specns. : 14 pages;

Drgns. ; 5 Sheets)

Cl. : 179 E

179215

Int. Cl.⁴ : B 65 D 41/34.

TAMPER EVIDENT CLOSURE.

Applicant : (1) PRECISION VALVE AUSTRALIA PTY LTD., OF 85, WILLIAMSON ROAD, INGLEBURN, NEW SOUTH WALES, 2565, AUSTRALIA AND (2) RODNEY MALCOLM DRUITT, OF DIGBY COTTAGE, NORTH LUFFENHAM HALL, NORTH LUFFENHAM, RUTLAND LEI 58JR, UNITED KINGDOM.

Inventors : 1. CHARLES MARTIN TANSEY, (2) RODNEY MALCOLM DRUITT.

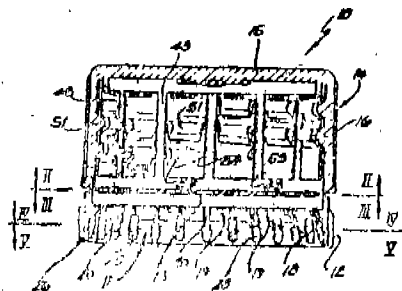
Application No. 405/Cal/1993 filed on 15th July, 1993.

(Convention No. PL 3569 on 16-7-92 & PL 5933 on 18-11-92 in Australia).

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office, Calcutta.

10 Claims

A tamper evident closure suitable for mounting onto a container having closure retention means on the neck of the container, said closure comprising a top portion, a skirt portion depending from the top portion, and a tamper evident band portion extending from the skirt portion by connection through frangible bridges, the band comprising a generally cylindrical body portion and a segmented rib extending inwardly of the body portion and adapted to provide a lip having an inner free edge to engage under a retaining flange extending outwardly from the neck of the container below the closure retention means thereon, characterised in that the combined length of the segmented ribs being equal to at least 50% of the internal circumference of the band and the segmented ribs being separated from each other by a gap the rib segments each having an upper side facing generally towards the top portion of the closure and an under side facing generally away from the top portion, the inner surface of the band having a plurality of radially inward projections extending from above the free edge of band and not extending beyond the inner free edge of the lip.



Compl. Specns. : 24 Pages, Drgs. : 8 Sheets,

Cl. : 190 C

179216

Int. Cl.⁴ : H 02 K 44/00.

DEVICE FOR GENERATION OF HYDRODYNAMIC POWER.

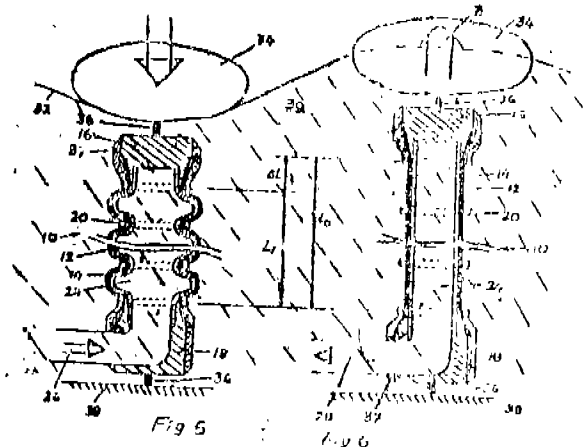
Applicant & Inventors : (1) BRANISLAV PREVISIC, OF OBERSCHWANDI, 8497 FISCHENTHAL, SWITZERLAND, AND (2) MILE PRVISIE, OF DEBANICEVA 23, 41090 ZAGRAB, CROATIA.

Application No. : 592/Cal/1993 filed on 6th October, 1993.

Appropriate office for opposition proceedings (Rule 1, Patents Rule, 1972) Patent Office, Calcutta.

11 Claims

Device for generating hydrodynamic power by converting the energy of waves of an open water body, with at least one anchored float, at least one extendable pumping element and a pressure medium characterized in that the pumping element (10) attached to float (34) comprises at least one gas-and/or fluid-impermeable hose (12) with external ring (20) arranged at regular interval, the said hose (12) expands radially while shortening in the longitudinal direction and which has one inlet and/of one outlet opening for at least one hydraulic and/or pneumatic pressure medium (24), that each said hose (12) has flexible longitudinal fibres (14) of high tensile strength extending between the hose (12) and the rings (20), the said fibres (14) have an upper force attachment (16) connected to the float (34) and a lower force attachment (18) connected to a fixing (38) so that the tensile force (Z) is applied in the longitudinal direction of the pumping element (10) and never to hose (12).



Compl. Specn. : 18 pages

Drgns. : 12 sheets.

Ind. Cl. : 40 F

179217

Int. Cl. : C 08 F 8/20, 8/22.

CONTINUOUS PROCESS AND APPARATUS FOR THE HALOGENATION OF ELASTOMERS.

Applicant : PRESSINDUSTRIA A. G., OF VIA MERCOLI, 1 CH-6900 LUGANO, SWITZERLAND.

Inventors : 1. PAOLO STRANEO, 2. CARLO MAFFEZZONI, 3. ALFREDO MARCHESIANO, 4. ENRICO MORETTI, 5. AMABILE PENATI.

Application No. : 674/Cal/1993 filed on 4th November, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

19 Claims

A continuous process for the halogenation of elastomers, in which a halogenating agent, such as herein described, is introduced into a solution of an unsaturated elastomer, such as herein described, in an organic solvent, such as herein described, said halogenating agent being mixed in a continuous stream of said elastomer solution, thus dissolving the said halogenating agent and causing it to react with the said elastomer in the same continuous stream, characterized in that the said continuous stream the elastomer solution is kept in turbulent motion without flow inversion phenomena, such as herein described, during the course of the reaction between the said halogenating agent and the said elastomer,

Compl. Specn. : 19 pages

Drgn. : 1 sheet,

Ind. Cl. : 36 I

179218

Int. Cl. : F 01 P 7/02.

METHOD OF DISCHARGING HYDROGEN FROM A HYDROGEN FILLED ELECTRIC MACHINE AND AN APPARATUS THEREFOR.

Applicant : SIEMENS AKTIEGESELLSCHAFT OF WITTELSEACHERPLATZ 2,8000 MUENCHEN 2, GERMANY.

Inventors : 1. HELMUT REHM, 2. KLAUS WELLER, 3. PETER SCHOENFELD.

Application No. : 680/Cal/1993 filed on 8th November

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office Calcutta

12 Claims.

Apparatus for discharging hydrogen from a hydrogen filled electric machine (1) and feeding the hydrogen into a solid-state store (2), in which the hydrogen is conveyed by means of an inert gas stream, characterized by a solid-state store (2) through which the inert gas can flow, which has means (7, 8, 14, 15) for venting the inert gas into the environment and which can be connected to the machine (1), and also by means (4, 5, 6) for introducing the inert gas into the machine (1).

Compl. Specn. 12 pages

Drgn.:

1 sheet.

Ind. Cl. : 24 B

174219

Int. Cl. : F 16 D 65/04.

BACK PLATE FOR COMPOSITION BRAKE SHOE.

Applicant : NABCO LIMITED. OF 1-46, WAKINO-HAMA-KAIOANDORI, CHUO-KU, KOBE SHI, HYOGO-KEN, JAPAN.

Inventors : 1. KO HIOKI, 2. TOKIHIKO HARADA.

Application No. : 824/Cal/1993 filed on 30th December, 1993.

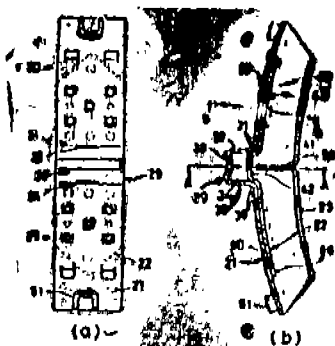
Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

2 Claims

A back plate for a composition brake shoe comprising a main plate having a side profile of a nearly circular arc and including a middle fixing portion projecting outwards from said circular arc and a pair of first arcuate portions extending in continuation of said fixing portion toward both sides thereof and a reinforcing plate having a side profile of a nearly circular arc and including a middle projecting portion projecting outwards from said circular arc and a pair of second arcuate portions extending in continuation of said projecting portion toward both sides thereof, said reinforcing plate being overlapped upon and welded to said main plate so that said projecting portion fits inside and fixing portion of said main plate said fixing portion of said main plate including a pair of first curved portions

first arcuate portions along small arcs respectively, a pair of first straight portions extending linearly in continuation of said first curved portions in a spaced relationship and a first joint portion connecting distal ends of said first straight portions, and said projecting portion of said reinforcing plate including a pair of second curved portion bending outside said circular arc from base ends of said second arcuate portions along small arcs respectively and a second joint portion connecting distal ends of said second curved portions; characterized in that said first curved portion of said main plate has a convex surface shaped to be in

Intimate contact with a concave surface of said second curved portion of said reinforcing plate over the whole area thereof



Compl. Specn. : 12 pages Drgns. : 2 sheets.

Ind. Cl. : 170 D 179220

Int. Cl.⁴ : C 11 D 1/86, 1/94.

A DETERGENT COMPOSITION FOR REMOVING CONTAMINANTS FROM FRUIT & VEGETABLES.

Applicant : BORYUNG PHARMACEUTICAL CO. LTD., OF 66-21 WONNAM-DONG CHONGRO-KLT, SEOUL REPUBLIC OF KOREA.

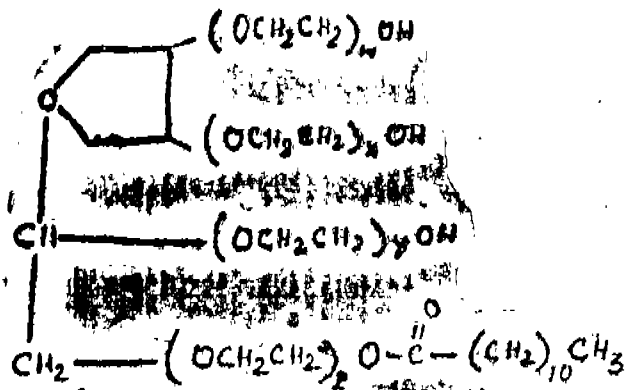
Inventors : 1. WOO HYUN PAIK, 2. YOON HEE LEE, 3. JOO WOUN KIM, 4. KI MOON KIM, 5. JOONG HA JUNG, 6. KUN WOO BAE, 7. NAM YONG PAIK.

Application No. : 101/Cal/1994 filed on 17th February, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

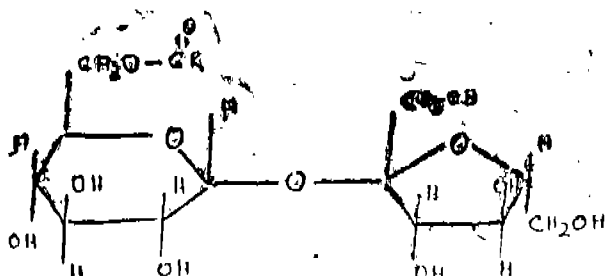
4 Claims

A detergent composition for removing agricultural chemicals, bacteria and other contaminants from fruits and vegetables without deteriorating their freshness, said composition comprising 5.00—20.00 wt. % of polyoxyethylene sorbitan monolaurate of the formula :



wherein $W+x+y+z$ has an average value of 20,

and 5.00-15.00 wt. % of sodium citrate, potassium citrate or mixtures thereof dissolved in purified water and optionally with 0.01—0.04 Wt. % of sucrose fatty acid ester of the formula :



wherein R is $(\text{C}_{10}\text{---}\text{C}_{16})$ alkyl,

Compl. Specn. : 23 pages

Drgns. : 2 sheets

Ind. Cl. : 179 F,

179221

Int. Cl.⁴ : B 67 D 3/04.

A CONTAINER FOR DISPENSING LIQUIDS.

Applicant : THE PROCTER & GAMBLE COMPANY, OF ONE PROTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, UNITED STATES OF AMERICA.

Inventors : JEROME PAUL CAPPEI, JACK ARWIN SNELLER, THOMAS JEROY REIBER

Application for Patent No. 13/Del /90 filed on 4-1-1990.

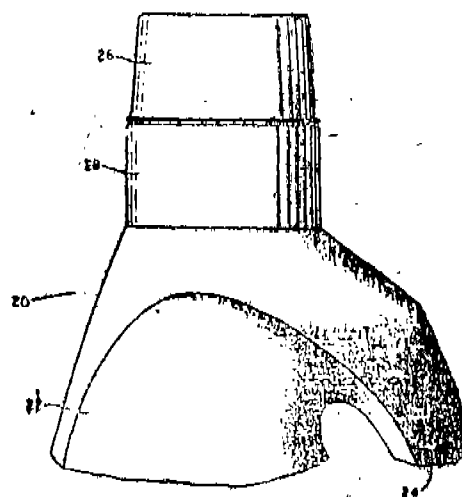
Appropriate office for opposition proceedings - (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

15 Claims

A container, for dispensing liquids, said container comprising :

- a hollow container for housing a liquid and having a body with a base at the lower end of the body and an integral upwardly extending pouring spout at the upper end of the body,
- a drain means comprising an inclined rump contiguous the base of said spout, disposed intermediate said spout and said body and having an inclination downward from said base in an outwardly radial direction;
- an upwardly projecting fluid retaining means fused in liquid tight relation to said container and circumscribing the periphery of said lamp in spaced relation therewith to provide an annular gap therebetween; and
- said drain means further comprising an annular channel below and in a fluid communication with said annular gap, whereby said annular channel receives liquids draining from said ramp, at least one of said inclined rump and said annular channel being in fluid communication with a drain hole leading to the interior of said container.

Fig. 1



(Compl. Specn. : 21 pages

Drgns. : 5 sheets).

Ind. Cl. : 32 B, 40 B, 56 F.

179222

Int. Cl.⁴ : C 07 B 39/00.

A PROCESS FOR SELECTIBELY HYDRGGENATING COLOR BODIES AND COLOR BODY PRECURSORS ROUND IN A HYDROCARBON FRACTION.

Applicant : UOP, AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS, UNITED STATES OF AMERICA.

Inventors : JEFFERY CHRISTOPHER BRICKER, BRYAN LEE BENEDICT, SHEILA LEE POLLASTRINI.

Application for Patent No. 63/Del/90 filed on 25-01-90.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A process for selectively hydrogenating color component and color component precursors found in a hydrocarbon fraction without substantially hydrogenating any olefinic or aromatic hydrocarbons contained therein, comprising contacting the hydrocarbon fraction with a selective hydrogenation catalyst such as herein described dispersed on a porous support in the presence of hydrogen, substantially all of which is dissolved in the hydrocarbon fraction, at reaction conditions including a temperature of 25° to 250°C, a pressure of 1 to 15 atmospheres, a liquid hourly space velocity of 0.1 to 25 hr⁻¹, and a hydrogen concentration of 0.1 to 3 mole percent based on the total hydrocarbon fraction and for a time sufficient to hydrogenate the color components and color component precursors, thereby providing a color stable hydrocarbon fraction.

(Compl. Specn. : 15 pages

Drgn. Nil sheet).

Ind. Cl. : 206 E

179223

Int. Cl.⁴ : H 05 D 3/00..

CIRCUIT FOR SUPPLYING AN ELECTRICAL CURRENT TO A RESISTIVE ELEMENT OR THERMORESISTANCE.

Applicant : GAZ DR FRANCE OF 23 RUE PHILIBERT DELORME, 75017, PARTS AND SOCIETE JOSEPH SAURON MATERIEL INDUSTRIEL, OF 14, RUE NOLLET, 91200 ATHIN MONS FRANCE.

Inventor : CHRISTIAN MOREAU, JEAN SAURON.

Application for Patent No. 135/Del/90 filed on 14-2-90

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A circuit for supplying an electrical current to a resistive element or thermoresistance (2) disposed in a member (1) to be heated by the thermoresist since (2), said circuit comprising :

an a. c. source (4),

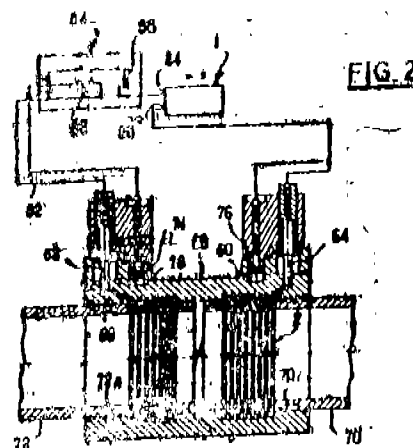
a current rectifier (18) connected to said a.c. source (4) for rectifying said a.c. source to an unidirectional current;

a chopper (22) connected to said current rectifier (18) for supplying to said resistive element (2, 92, 108, 122) a current having two superimposed components comprising a.c. and d.c. components; and

on a.c. and d.c. components control unit (36) connected to the chopper for adjusting the voltage supplied to terminals (24, 26) of the thermoresistance (2)

2—247 GI/97

as a function of the heating power stobe delivered to said member (1).



(Compl. Specn. : 14-pages

Drgns.

2 sheets).

Ind. Cl. : 32E 32F3C

179224

Int. Cl.⁴ : C08G 65/00

A PROCESS FOR MANUFACTURING SUBSTANTIALLY PURE POLYETHER-POLYELS.

Applicant : PRESSINDUSTRIA S.P.A. OF VIA PORTA D'ARNOLFO, 35, 20046 BIASSONO, MILANO, ITALY AND STATE CO. "VERILA", OF RAVNO POLE.

Inventor :

- (1) GARPIS AGOPIAN,
- (2) CARLO MAFFEZZONI,
- (3) BOJAN MAZDRAKOV,
- (4) ENRICO MORETTI
- (5) AMABTLE PENATI.

Application for Patent No. 142/Del/90 filed on 16-2-90.

Appropriate office for filing the opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

5 Claims

A process for manufacturing, substantially pure polyether-polyols from a mixture containing polyether-polyol and alkaline impurities,

which comprises treating said mixture Under nitrogen blanketing atmosphere with 0.1 to 10% by weight of water, stirring the reaction mixture so obtained at a temperature in the range of 50° to 120°C,

adding to said mixture from 0.5 to 4% by weight of "an alkali absorbent, depending on the amount of said impurities, while maintaining the nitrogen atmosphere and stirring,

allowing the mixture to stand for at least 30 minutes so as to enable the alkaline impurities to be absorbed,

subjecting the reaction mixture to distillation dehydration at a temperature in the range of 110 to 130°C for removing water,

filtering the so obtained purified polyol.

(Compl. Specn. 12 Pages;

Drg. Sheets Nil

Ind. Cl. : 45G3

179225

Int. Cl.¹ : E03C 1/00**AN OUTLET HUSHING VALVE FOR CISTERN.**

Applicant : MANMOHAN CHOPRA SHANTA. INTERNATIONAL A-103, KAVERI APARTMENTS, ALAK-NANDA, NEW DELHI.

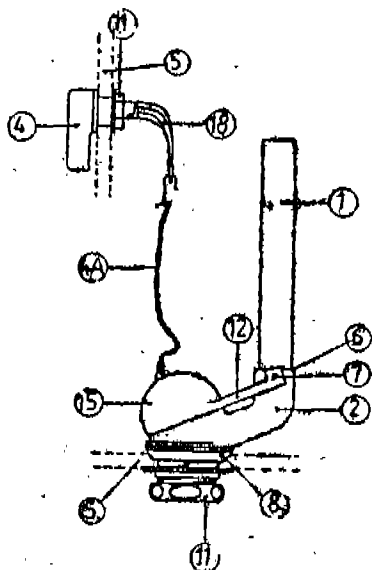
Inventor : MANMOHAN CHOPRA.

Application for Patent No. 167/Del/90 filed on 26-2-90.

Appropriate office for filing the opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

3 Claims

An out-let flushing valve for the cistern comprising an over-flow pipe coupled with an elbow bond pipe cum seating having two projected collars for attachment with a out-let pad for controlling the discharge of water by an operating level through a connecting chain & book thereby discharging the requisite quantity of water.

**FIGURE - I**

(Compl. Specn. 6 Pages;

Drg. Sheets 3)

Int. Cl.⁴ : C 22 B 3/02

179226

Ind. Cl. : 39, 130 G

AN IMPROVED APPARATUS FOR HOLDING AND REFINING OF MOLTEN ALUMINUM.

Applicant : UNION CARBIDE INDUSTRIAL OASES TECHNOLOGY CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE. UNITED STATES OF AMERICA, OF 39 OLD RIDGEBURY, ROAD, DANBURY, STATE OF CONNECTICUT 06817-0001, UNITED STATES OF AMERICA.

Inventors : JOHN FRANKLIN PELTON, US.

Application for Patent No. 1119/Del/90 file on 13-11-90.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

An improved apparatus for the holding and refining of molten aluminium, and alloys thereof, the apparatus comprising an outer shell having at least a refractory insulating

lining on the bottom and side walls of said outer shell, at least a portion of said lining being of a refractory fibrous insulating material having a density of below 80 lb/ft³ and a thermal conductivity of below 1.8 BTU/hr/ft³ at a temperature gradient of 1° per inch at 1500° and said fibrous insulating material contains alkaline or alkaline earth metal fluoride or fluosilicate in an amount of from 0.5 to 5% by weight based on the weight of said fibrous insulating material in order to prevent molten aluminium permeation during use into said refractory insulating lining, said refractory fibrous insulating lining being in the form of fibrous insulating board or castable insulation, and at least one side wall has an inner lining of graphite block, and electrical heating means positioned within said graphite block.

(Compl. Specn. 26 Pages;

Drg.

Sheets Nil)

Ind. Cl. : 104 E

179227

Int. Cl.⁴ : B 29 C 65/44**A PROCESS FOR THE PREPARATION OF A COATED METAL SUBSTRATE FOR REINFORCEMENT OF ELASTOMERS.**

Applicant : N. V. BEKAERT S. A., A BELGIAN COMPANY, OF BEKAERTSTREET 2, B-8550 ZWEEVEGEM, BELGIUM.

Inventor :

(1) MARC DEWITTE, BE

(2) WALTAER VAN RAEMDONCK, BE.

Application for Patent No. 1261/Del/90 filed on 14-12-90.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

12 Claims

A process for the preparation of a coated metal substrate comprising at least in part steel with improved adhesion retention suitable as reinforcement for elastomeric polymers comprising coating in any conventional manner said metal substrate at least in part by at least one layer of an alloy consisting of, apart from impurities, 4.2 to 6.5% weight of aluminium, less than 0.1% of at least one element simulating the wetting ability of the liquid alloy to the substrate and the balance zinc.

(Compl. Specn. 11 Pages;

Drg. Sheets Nil)

Ind. Cl. 55 D₂

179228

Int. Cl. : A01N 31/00

A PROCESS FOR PREPARING INSECT REPELLENT COMPOSITION.

Applicant : R & C PRODUCT PTY LTD., AN AUSTRALIAN COMPANY, OF 33 HOPE STREET, ERMIGTON, NEW SOUTH WALES, AUSTRALIA,

Inventors :

(1) BRAYAN DAVID LETT,

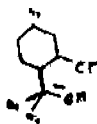
(2) HAROLD SAMUEL KRAUS.

Application for Patent No. 714/Del/91 filed on 6-8-1991 Convention date. 6-8-1990/PK-1581 /Australia.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

8 Claims

A process for preparing an insect repellent composition comprising one or more insect repellent diols of the formula X.



wherein R_3 is hydrogen or an alkyl group containing 1-4 carbon atoms; and R_4 and R_5 are the same or different and are alkyl groups containing 1-4 carbon atoms; and at least one of a set of compounds of the formula Z.



where R_3 , R_4 and R_5 are as defined above, which comprises subjecting citronellal to conventional cyclization to obtain a product mixture characterised by removing in any known manner from said product mixture insect repellent having a boiling point of less than about 80°C at a pressure of 4mm Hg, to produce said insect repellent composition wherein said compound of formula X and said compound of formula Z are present in a weight ratio of 1 : 99 to 99 : 1.

(Compl. Specn. 22 Pages;

Drg. Sheet 1)

Ind. Cl. : 32 F₂a

179229

Int. Cl.⁴ : C 07 C 157/00

A PROCESS FOR THE SYNTHESIS OF NOVEL TRANS N-(2-HYDROXY-1, 2, 3, 4-TETRAHYDRO-1-NAPHTHYL) THIOUREA.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001.

Inventors :

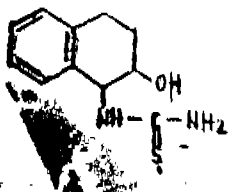
- (1) UPENDRA KUMAR SHUKLA,
- (2) ANIL KUMAR SAXENA,
- (3) HEMANT KUMAR SINGH,
- (4) BROLA NATH DHAWAN & NITYA ANAND.

Application for Patent No. 849/Del/91 filed on 13-09-91.

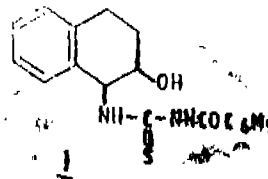
Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

A process for the synthesis of novel trans N-(2-hydroxy-1, 2, 3, 4-tetrahydro-1-naphthyl) thiourea of the formula 2,



which comprises hydrolysing by using conventional hydrolysing agent trans N-(2-hydroxy-1, 2, 3, 4-tetrahydro-1-naphthyl) benzoylthiourea of the formula 1,



at a temperature between $80-130^\circ\text{C}$ for a period ranging between 1-6 hrs, recovering the said novel trans N-(2-hydroxy-1, 2, 3, 4-tetrahydro-1-naphthyl) thiourea of the formula 2 by known methods.

(Compl. Specn. 5 Pages;

Drg. Sheet 1)

lad. Cl. : 32 Fab

179230

Int. Cl.⁴ : C 07 P 277/00

A PROCESS FOR THE SYNTHESIS OF TRANS 2-(N-(2-HYDROXY : 1,2,3,4-TRAHYDRO-NAPHTHYL)

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001 INDIA.

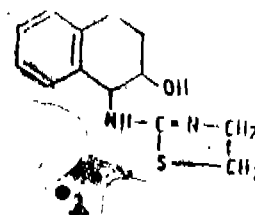
Inventors : UPENDRA KUMAR SHUKLA, ANIL KUMAR SAXENA, HEMANT KUMAR SINGH, BHOLA NATH DHAWAN & NITYA ANAND.

Application for Patent No. 850/Del/97 filed on date 13-09-91.

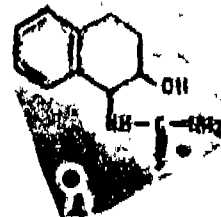
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 3

A process for the synthesis of novel trans 2-(N-(2-hydroxy-1, 2, 3, 4-tetrahydro-1-naphthyl) iminothiazolidine of the formula 2,



which comprises reacting trans-N-(2-hydroxy-1, 2, 3, 4-tetrahydro-1-naphthyl) thiourea of the formula 1,



with diethanolamine hydrobromide in the presence of an organic solvent at a temperature varying between $80-110^\circ\text{C}$ for a period ranging between 20-48 hrs, recovering trans 2-(N-(2-hydroxy-1, 2, 3, 4-tetrahydro-1-naphthyl) iminothiazolidine by known methods.

(Complete Specification 5 Pages;

Drawings

1 Sheet)

Cl. 158 B 2 3 D C I

179231

Int. Cl.⁴: B 61 G 9/00, 9/12

"CENTER SILL SHORT YOKE MEMBER OF RAILWAY CAR DRAWBAR ARRANGEMENT."

Applicant : AMSTED INDUSTRIES INCORPORATED, OF 205 NORTH MICHIGAN AVENUE, 44TH FLOOR BOULEVARD TOWERS SOUTH CHICAGO, ILLINOIS 60601 USA.

Inventors : 1. HORST THOMAS KAUFHOLD 2. JOHN JOSEPH STEFFEN.

Application No. : 892/Cal/1992 filed on 15th December, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

18 Claims

A center sill short yoke member 30 for use with a slackless drawbar of a railway car, said short yoke member 30 for laterally and vertically positioning a drawbar member 12 evenly within a center sill 10 without requiring modification to the end sill, the yoke member 30 comprising ;

a back wall 33 and top and bottom walls 31, 32 said top and bottom walls having front and back edges 131, 132, 133, 134 said back wall 33 having front faces 38, 59, a rear face 144, and a pair of side edge 34, 35 said back wall side edges 34, 35 being connected to said back wall front faces 38, 39;

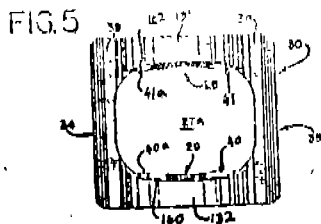
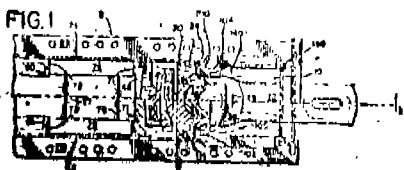
said top and bottom walls 31, 32 being centered between said back wall side edges 34, 35;

said back wall 33 having a substantial opening 27a centered between said top and bottom walls 31, 32 and said side edges 34, 35;

said top and bottom walls 31, 32 having circular vertical openings 28, 29 said openings 28, 29 being in alignment,

said back wall 33 being greater in horizontal extent than said top and bottom walls 31, 32;

said top, bottom and back walls 31, 32, 33 defining a cavity 127.



(Compl. Specn. : 18 Pages;

Drgns. : 2 Sheets)

Cl. : 32 E

175232

Int. Cl.⁴ : C 08 G 18/00

"A METHOD FOR PREPARING A POLYURETHANE FOAM OF LOW THERMAL CONDUCTIVITY."

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 12345, NEW YORK, UNITED STATES OF AMERICA.

Inventors : 1. WILLIAM JESSUP WARD III 2. JAMES (NMN) DAY 3. MONICA ADRIAN FERRERO-HEREDIA 4. EDWARD JOSEPH MCLNERNEY.

Application No. : 438/Cal/1993 filed on 3rd August, 1993.

Application office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

8 Claims

A method for preparing a polyurethane foam of low thermal conductivity which comprises foaming a polyurethane with a blowing agent characterised in that said blowing agent comprises at least in part carbon dioxide in the presence of a reagent as herein described which is incorporated in said foam to remove said carbon dioxide, wherein said blowing agent also comprises at least one halogenated compound.

(Compl. Specn. : 9 Pages;

Drgns. : Nil)

Cl. : 108

C₂C₃

179233

Int. Cl. : C 21 B U/08. 11/10

"METHOD AND APPARATUS FOR MAKING STEEL."

Applicant : CONSTEEL S.A., OF 8, RUE DE NANT, CASE 47, 1211 GENEVA 6, SWITZERLAND.

Inventors : JOHN ALEXANDER VALLOMY.

Application No. : 479/Cal/1993 filed on 19th August, 1995.

Application office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

27. Claims

A method for making steel comprising the steps of preheating of charge materials, introducing charge materials into a steelmaking furnace, wherein the preheating of charge materials comprises the following steps ;

(a) continuously passing charge materials comprising a preselected feed mixture of iron-bearing material and other preselected feed materials such as slag formers and alloying elements through an elongated heating chamber having sequentially a feed mixture entry end a gas transition section, a heating section and a feed mixture discharge section having a discharge end;

(b) establishing a dynamic gas seal at the feed mixture entry end of the heating chamber to exclude the entry of atmospheric air;

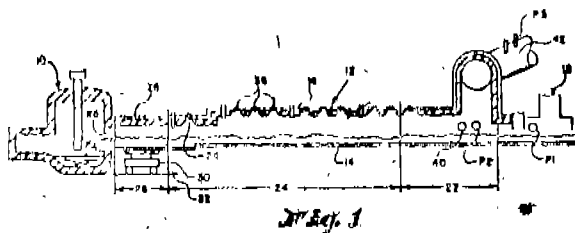
(c) heating the chamber and the charge materials therein by passing hot gases through and over the charge materials within the chamber, and combusting said gases to form combusted gases, an to preheat the charge materials;

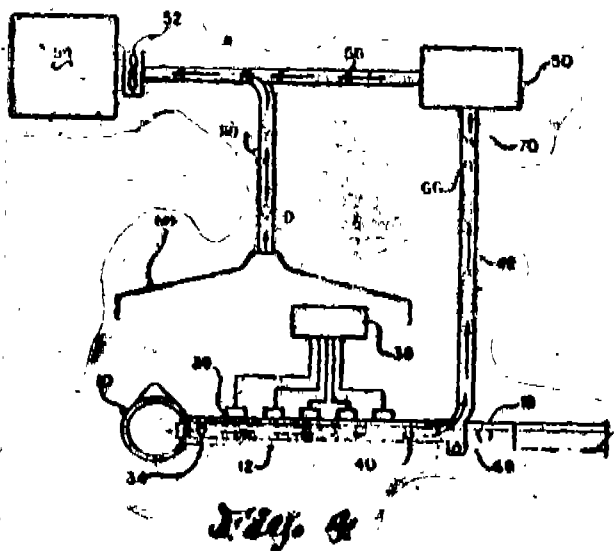
(d) maintaining a progressively changing oxygen concentration in the combusted gases within the heating chamber from reducing at the feed mixture discharge end to slightly oxidizing to said charge materials in the gas transition-section;

(e) removing the combusted gases from the gas transition section of the chamber;

(f) maintaining the temperature of said combusted gases removed from said gas transition section at a temperature in the range of 900 to 1100°C for a period of at least 2 seconds; and

(g) discharging the charge materials continuously and directly into a steelmaking furnace.





(Compl. Specn. : 20 Pages; Drgns. : 3 Sheets)

Ind. Cl. : 146 E

179234

Int. Cl.⁴ : GO 1 K—5/22, C 10 M—103/04

"CLINICAL THERMOMETER."

Applicant : GERABERGER THERMOMETERWERK GMBH, OF ELGERSBURGER STRASSE 1, 98716 GERABERG, GERMANY, A GERMAN COMPANY.

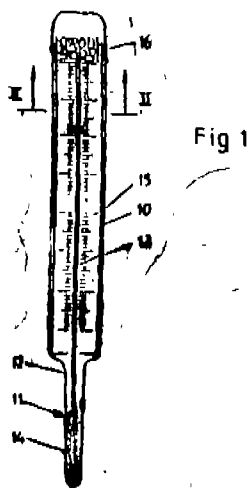
Inventors : (1) GERD SPECKBROCK, (2) SIEGBERT KAMITZ, (3) HERIBERT SCHMITT, (4) MARION ALT.

Application No. 538/Cal/93 filed on 14th Sep. 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Calcutta.

08 Claims

Clinical thermometer comprising a bulb (11) and a measuring tube (13) containing a liquid (14), in a glass housing (10) with a grip element (16), the said liquid (14) is a eutectic mixture containing gallium in a concentration of 65—95 wt.-%, indium in a concentration of 5—22 wt. % and tin in a concentration of 0—11 wt. % and optionally may contain upto 2 wt.-% bismuth and up to 2 wt. % antimony.



(Compl, Specn. : 8 Pages;

Drgs. : 1 Sheet)

Ind. Cl. : 63 I

179235

Int. Cl.⁴ : H 02 K 1/06

"A DEVICE FOR DECOUPLING A HIGH-FREQUENCY ERROR SIGNAL FROM A HIGH FREQUENCY ELECTRO MAGNETIC FIELD IN A LARGE ELECTRIC MACHINE."

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 8000 MUENCHEN 2, GERMANY, A GERMAN COMPANY.

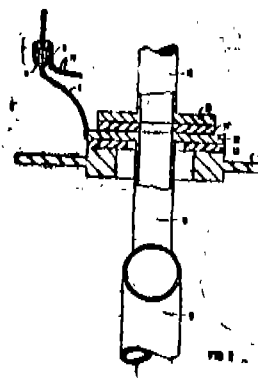
Inventors : (1) PETER GRUFNEWALD, (2) JUERGEN WEIDNER, (3) REINHOLD KOZIEL.

Application No. 571/Cal/93 filed on 28th Sep 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Calcutta.

04 Claims

A device for decoupling a high frequency error signal from a high frequency electro-magnetic field in a large electric machine having an electric winding (1) extending along an axis (2) and bounded along the axis (2) by two winding overhands (3) an annular collecting chamber (5) for introducing a liquid coolant to flow which atleast one winding overhand (3) can flow into the winding (1), said annular collecting chamber (5) disposed upstream of the winding overhand (3) and comprising an electrically conductive material connected to earth potential via an earth conductor (4) and a high-frequency transformer (6) with a primary winding (7) looped into said earth conductor (4) and a secondary winding (8) from which the error signal can be tapped.



(Compl. Specn. : 09 Pages;

Drgs. : 2 Sheets)

Ind. Cl. : 32

A₂

179236

Int. Cl.⁴ : C 09 B—62/00, C 09 B—1/30

"A PROCESS FOR PREPARING AN ANTHRAQUINONE COMPAUND USED AS A DYE."

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80. FEDERAL REPUBLIC OF GERMANY, CHEMICAL MANUFACTURERS, A CORPORATION ORGANIZED UNDER THE LAW OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) JORG DANNHEIM, (2) RHNHARD HAHNLE, (3) WERNER HUBERT RUSS.

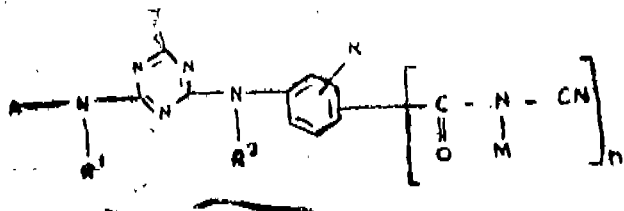
Application No. 584/Cal/93 filed on 4th Oct. 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Calcutta.

11 Claims

WE CLAIM :

1. A process for preparing an anthraquinone compound used as a dye of the formula (I)



where

A₁ is the radical of a sulfo-containing anthraquinone radical,
R¹ is hydrogen or alkyl of 1 to 4 carbon atoms,
R² is hydrogen or alkyl of 1 to 4 carbon atoms,

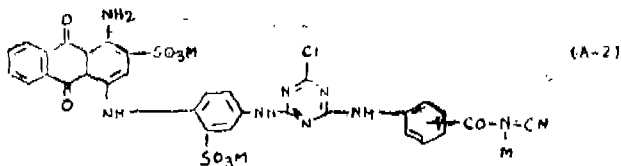
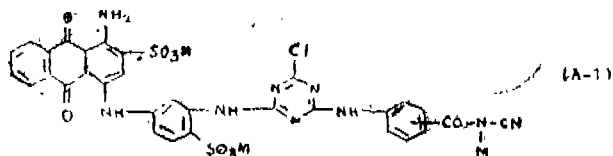
X is an alkali-detachable radical,

R is hydrogen, alkyl of 1 to 4 carbon atoms, or alkoxy of 1 to 4 carbon atoms,

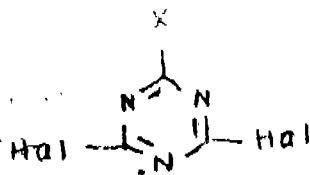
n is 1 or 2,

M is hydrogen or an alkali metal or the mole equivalent of an alkaline earth metal,

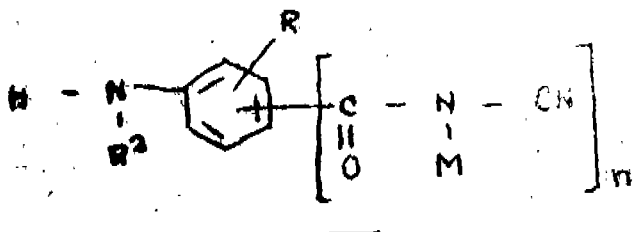
but not the below-indicated compounds of the formulae (A-1) and (A-2)



In any desired order where M is as defined above which comprises reacting a halo-s-triazine compound of the formula (6)



where Hal is halogen, with an amino-containing anthraquinone compound of the formula-A-NHR¹-and with an amino compound of the formula (7)



the first reaction step is carried out at a temperature between -5°C and +20°C and at a pH between 2 and 10, the Second reaction step is carried out at a temperature between 5°C and 40°C and at a pH between 3 and 9.

(Compl. Specn. : 36 Pages),,

Ind. Cl. : 176 F

179237

Int. Cl.⁴ : F 28 B 37/24

"VERTICAL BUCKSTAY/LEVELER ATTACHMENT TO A HORIZONTAL BUCKOTAY."

Applicant : COMBUSTION ENGINEERING INC. OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT 06095. UNITED STATE OF AMERICA.

Inventor : RONALD GIRARD PAYNE.

Application No. 660/Cal/93 filed on 01 Nov. 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Calcutta.

06 Claims

Vertical buckstay/leveler attachment to a horizontal buckstay of a vapor generation apparatus (10) which comprises :

a tube wall (12); an elongated first horizontal buckstay, (20) disposed at a first elevation;

first means (18) for coupling said first horizontal buckstay (20) to said tube wall (12); an elongated second horizontal buckstay (20) disposed at a elevation that is higher than said first elevation;

said second means (18) for coupling said second horizontal-buckstay (20) to said tube wall;

a first elongated vertical buckstay (22) member having first and second ends;

means (24) for securing one end of said first elongated vertical buckstay (22) member to one of said horizontal buckstay members (20), characterized in that means (26) for coupling the other end of said first elongated vertical buckstay member to the other horizontal buckstay, said means for coupling comprises a sleeve (28) dimensioned and configured for receiving means (24) extending from said other, end of said first vertical buckstay (22) member with sliding face to planar face engagement therebetween, said means (26) for coupling allowing relative motion between said first vertical buckstay (22) member said other horizontal buckstay (20) member.

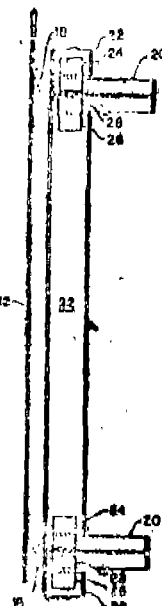


Fig. 2

(Compl. Specn. : 11 Pages;

Drgs.

: 3 Sheets)

Ind. Cl. : 179 E

179238

5 Claims

Int. Cl.⁴ : B 65 B 11 1/00. 21/24

ROTTLE CARRIER.

Applicant : THE MEAD CORPORATION, COURT-HOUSE PLAZA, NORTHEAST, DAYTON, OHIO 45463; U.S.A.

Inventor : PHILIPPE LEBRAS.

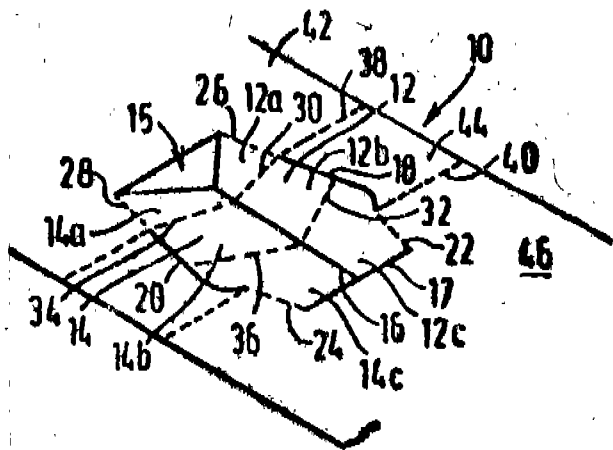
Application No. 193/Cal/94 filed on 23-3-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

9 Claims

A bottle carrier having angularly related panels comprising side wall panels (42, 142, 242, 342) and a second wall panel (46, 146, 246, 346) such, as a bottom or top wall panel which are foldably interconnected, bottle or top wall panel which are foldably interconnected, bottle (receiving and retaining means extending between said side wall panel and second wall panel, said means comprising an aperture (11) adapted to receive a portion of a bottle (A) contained within the carrier and a flap (12, 112, 212, 312) struck from and hingably connected to an edge of said aperture which flap is for the purpose of abutting the bottle received in the aperture, and the flap is pivotal into an operative position about its hinged connection (22, 26) to provide portions thereof which protrude both inwardly and outwardly of the carrier so that a portion (f) of said flap engages the bottle internally of the carrier, characterised in the said flap (12, 112, 212, 312) is put into its operative position by pivoting inwardly of the carrier.

FIG. 1



(Compl. Specn. 21 pages;

Drgs. 2 sheets.)

Ind. Cl. : 39 E

179239

Int Cl.⁴ : C 01 B 31/30.PROCESS FOR A DIRECT REDUCTION OF IRON OXIDE CONTAINING MATERIALS TO FORM SPONGE IRON CONTAINING Fe_3C .

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-60271 FRANKFURT AM MAIN, GERMANY.

Inventors : (1) ROMERSTR
(2) REZA HUSAIN
(3) DR. ALPAYDIN SAATCI
(4) WOLFGANG BRES5FR.

Application No. 449/Cal/94 filed on 14 June 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Calcutta

WE, CLAIM :

1. A process for a direct reduction of iron oxido-containing material to form sponge iron containing Fe_3C in fluidized beds supplied with reducing gas and fluidizing gas, wherein :—

- (a) in a first reducing stage the iron oxide-containing materials are charged into the fluidized bed reactor of a circulating fluidized bed system, hot reducing gas is supplied as a fluidizing gas to the fluidized bed reactor, the iron oxides are pre-reduced, the suspension discharged from the fluidized bed reactor is treated in the recycle cyclone of the circulating fluidized bed system to remove substantially all solids which are circulated per hour in the circulating fluidized bed system is at least five times the weight of solids contained in the fluidized bed reactor,
- (b) solids from the first reducing stage are supplied in a second reducing stage to a conventional fluidizing; gas to the conventional fluidized bed, the solids are reacted to remove the remaining oxygen content and to convert the iron content substantially completely to Fe_3C , the exhaust gas from the conventional fluidized bed is supplied as a secondary gas to the fluidized bed reactor employed in accordance with, a and the product which contains Fe_3C is withdrawn from the conventional fluidized bed,
- (c) the exhaust gas from the recycle cyclone used in accordance with (a) is cooled below its dew point temperature and, water is condensed from the exhaust gas,
- (d) a partial stream of the exhaust gas is drawn off,
- (e) the remaining partial stream is strengthened by an addition of reducing gas and is reheated and is then used as a recycle gas a part of which is supplied as a fluidizing gas to the fluidized bed reactor of the first reducing stage employed in accordance with (a) and another part of which is supplied to the fluidized bed of the second reducing stage employed in accordance with (b).

Ind. Cl. : 54

179240

Int. Cl.⁴ : A 23 F 3/34.

PROCESS FOR MAKING A PREPARATION WHICH CONTAINS THE POLYPHENOLS OF GREEN TEA IN READILY AVAILABLE NONOXIDISED FORM.

Applicant; FREEZE-DRY FOODS GMBH, OF AM EG-GEMKAMP 8-10, D-48268 GREVEN, GERMANY.

Inventor : PROF. DR. PETER ROHDEWALD.

Application No. 59/Cal/96 filed on 12-1-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Calcutta,

10 Claims

Process for making a preparation which contains the polyphenols of green tea (*Thea chinensis*) in readily available, non-oxidised form, wherein fresh given tea leaves are cooled until the activity of the phenol oxidases contained therein has decreased to at most 1% of the value at normal temperature and simultaneously or immediately thereafter the water effective as reaction medium is removed the dried green tea leaves thus obtained are powdered and filled into capsules.

(Compl Specn. 10 pages;

Drg.

0 sheet)

Ind. Cl. : 69 H [LIX CD]

179241

20 Claims

Int. Cl. : H01 H, 29/06.

A FLUID LOAD ISOLATOR

Applicants & Inventors : MR. MUKESH BHANDARI & MR. HARISH SHARMA OF A-1, SKYLARK APARTMENT, SATELLITE ROAD, AHMEDABAD-380 015, GUJARAT, INDIA,

Application No. 553/Bom/94 filed Nov. 24, 94.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400013.

2 Claims

A fluid/paste load isolator (1) consisting two contacts capable of carrying high currents separated by air gap, one of which is a movable (2) and the rest is fixed contact (3), a fluid/paste provided in the channel (4) between the two contacts & flowing in the air gap in a operative position of the electrical switch and remain inoperative due to draining out the molten paste through an orifice (5), thereby making contact between the movable and fixed contact,

(Compl. Specn. 6 pages;

Drag. 1 sheet.)

Ind. Cl. : 32 E [IX (1)] 34 A

[X]

179242

Int. Cl. : C 08 G-63/28.

IMPROVEMENT IN/OR RELATED TO HEAT SETTING OF POLYESTER FIBRES, FILAMENTS, FABRICS OF 100% POLYESTER OR ITS BLENDS WITH NATURAL AND/OR OTHER SYNTHETIC FIBRES AT LOWER TEMPERATURE.

Applicant A Inventor ; DR. RASHMIKANT SHANTILAL PARIKH, 33, ROOPA, SONA-ROOPA APARTMENTS, OPP. LAL BUNGALOW, SRI AUBOBINDO MARG, AHMEDABAD-380 006, INDIAN CITIZEN.

Application No. 247/BOM/93 filed on 11-8-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, Mumbai-13.

6 Claims

A process for heat setting polyester fibre/fabric/filament/yarn by using a solution of a swelling agents for polyester at a lower temperature around 130°C under normal stenter speed,

(Compl. Specn. 15 pages;

Drgs. Nil.)

Ind. Cl. : 40 B

179243

Int. Cl. : C 07 C—02/12

A PROCESS FOR REGENERATION OF HYDROCARBON CONVERSION CATALYTIC COMPOSITE.

Applicants : INDIAN PETROCHEMICALS CORPORATION LIMITED A GOVERNMENT INCORPORATED UNDER THE COMPANIES ACT, 1956. OF P.O. PETROCHEMICALS, DISTRICT VADODARA-391 346, GUJARAT, INDIA.

Inventors : (1) DATTATRAYA TAMMANNASHASTRI GOKAK (2) TAJESHWER DONGRA (3) ARUN GURUDATH BASRUR (4) KONDIA RAMASWAMY KRISHNA-MURTHY (5) ISHWAR SINGH BHARDWAJ.

Application No. 295/Bom/93 filed on 13-09-93.

Complete after provisional left on 8-9-9.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13,

A process for the regeneration of a hydrocarbon conversion catalytic composite from deactivated hydrocarbon conversion catalysts, the regenerated catalytic composite having activity, selectivity, stability and textural properties of a fresh hydrocarbon conversion catalyst, which comprises :

- contacting the deactivated hydrocarbon conversion catalyst with an inert gas containing a controlled amount of oxygen gas under humid conditions with controlled rise in temperature to produce a decoked catalyst;
- treating the said decoked catalyst with aqueous/gaseous halogen or halogen containing compounds at temperatures close to ambient;
- conducting a two-step controlled thermal treatment of the said halogen treated catalyst in a flowing stream of gas, the major component of which being an inert gas;
- regulating the halogen content of the thermally treated catalyst by further subjecting it to a gas stream such as hereinbefore described at elevated temperature or by treatment with aqueous/gaseous alkaline compounds;
- contacting the said decoked thermally treated halogen regulated catalyst with a stream of gas under chemically reducing conditions at elevated temperature and a relatively high GHSV for predetermined duration and optionally immediately treating said reduced catalyst with an inert gas and cooling it in the same to ambient temperature.

(Prov. Specn. : 10 Pages;

Drgs.

Nil)

(Comp. Specn. : 23 Pages;

Drgs. 2 Sheets)

Ind. Cl. : 32 F 3(a) [IX (1)]

179244

Int. Cl. : C 07 D—213/10

PROCESS FOR PREPARING BETA PICOLINE AND PYRIDINE.

Applicants : HINUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE 165/166 BACKBAY RECLAMATION BOMBAY-400 020 MAHARASHTRA, INDIA.

Inventors : 1. VENKATESWARAN KRISHNAN 2. AYODHYANATH BHAT. 3. NIRANJAN SHOHADÉ.

Application No. 25/Bom/94 filed on 25-01-94.

Complete after provisional left on 25-01-95.

Appropriate Office for Opposition Proceedings Rule 4, Patents Rules 1972) Patent Office Branch, Bombay-400 013.

Claim

A process for preparing beta-picoline and pyridine comprising treating acetaldehyde formaldehyde and ammonia in vapour phase in a weight ratio 1:1.8 to 2:0.3 to 0.4 in contact with an effective amount of a catalyst such as herein described at 430—500°C for 2 to 14 hours in the presence of methanol.

(Provisional Specification : 6 Pages;

Drawing : Nil)

(Complete Specification : 7 Pages;

Drawing : Nil)

Ind. Cl. : 54. 13A-1-C. 141 D

179245

Int. Cl. : B 65 B-29/04 29/00.

AN IMPROVED SUSPENDED BEVERAGE INFUSION BAG.

Applicant: MELVIN CLARKSON 7810, SAVANNAH COURT, BOISE, IDAHO-83703, U.S.A.

Application No. 55/Bom/94 filed on 17 Feb. 94,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13,

9 Claims

An improved suspended beverage infusion bag consisting of :

- a cover consisting of two generally planar leaves separated by a fold line, said planar leaves having side surfaces and edges;
- a single downwardly-facing slot in each of said two planar leaves, each of said slots being adaptable to fit over the rim of a beverage cup so that the planar leaves of said cover may be held in spaced apart relationship on the rim of said cup;
- a porous filter bag containing an infusible substance, said filter bag being connected to said cover by a single glue line on one side surface of one of said planar leaves so that when said planar leaves of said cover are held in spaced apart relationship on the rim of said beverage cup, said filter bag extends into and is suspended within the interior of said beverage cup.

(Comp. Specn, 14 Pages;

Drgs. 7 Sheets.)

Ind. Cl. : 103 Gr. [XLV(1)]

179246

197 Gr. [XL 111(5)]

Int. Cl. : B 08 B-3/10,

A WASHING MACHINE FOR WASHING COMPONENTS TO BE USED IN INDUSTRIES FOR MANUFACTURING ASSEMBLY.

Applicant : THERMAX LIMITED, AN INDIAN COMPANY AT THERMAX HOUSE, 4, BOMBAY PUNE ROAD, SHIVAJI NAGAR, PUNE-411005, MAHARASHTRA STATE, INDIA.

Inventor : RAJARAM KRISHNASWAMY.

Application No. 64/BOM/94 filed on 24-02-94.

Post dated to : 19-04-94.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

7 Claims

A washing machine for washing components to be used in industries for manufacturing or assembly, comprises :—

a lower chamber and an upper chamber, divided by a divider plate, the top end of the upper chamber being open and provided with a lid;

a heating element, electrically connected and mounted in the said lower chamber for heating solution to be used in washing the components;

a pipe assembly, one end coupled to outlet of a fluid displacement means, such as pump, the suction end of which in the lower chamber, the discharge end/ends of the pipe assembly positioned in the upper chamber to discharge the solution on said divider plate;

a shaft member is vertically positioned, and one end project into the upper chamber at its centre and is adapted to be rotated and is coupled with a prime mover;

a basket member detachably mounted on to the said end of the shaft projecting into the upper chamber and which is rotatable along with the said shaft; and

a strainer member located below the said divider plate, for trapping the particles washed out from the components loaded in the said basket member,

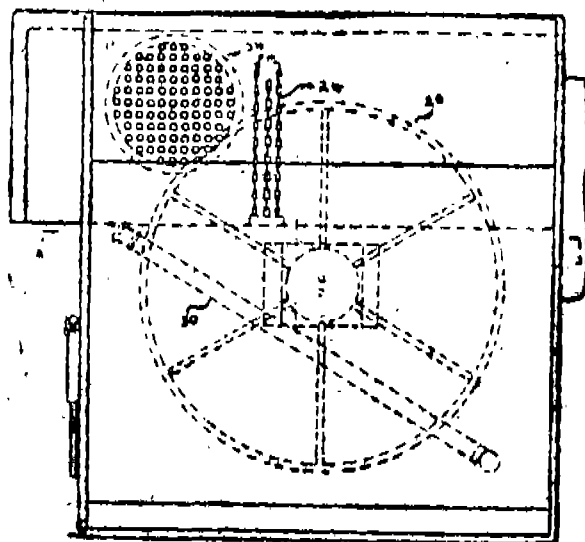


Fig. 1

(Comp, specn. 13 pages

Drgs.

3 Sheets.)

Ind. Cl. : 62D

179247

Int. Cl. : D06 15/00.

A PLANT AND A PROCESS TO ACCOMPLISH IMPROVED FABRIC PREPARATION IN CONTINUOUS OPEN WIDTH,

Applicants : CALICO INDUSTRIAL ENGINEERS PVT. LTD, CARDINAL GRAOIAS ROAD, ANDHERI (E), BOMBAY-400099, MAHARASHTRA, INDIA.

Inventor : VASANT CHINTAMAN PATWARDHAN,

Application No. 83/Bom/1994 filed Mar 9, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1912) Patent Office Branch, Mumbai-13.

2 Claims

Process to accomplish improved fabric preparation in continuous open width comprising exposing the textiles after impregnation with scouring chemicals to superheated steam at atmospheric pressure and temperature of 100°C to 160°C for less than 5 minutes, the process involves use of standard chemicals available in the market, non-corrosive chemicals of low concentrations comprising compounds that are related to hydroxides of alkali earth metals such as Sodium or potassium hydroxide, ammonium hydroxide, sodium carbonate sodium silicate, sodium bicarbonate, amines and their modified forms, reducing and activating agents or compounds such as hypochlorite, reduced vat dyes hydroxides and/or oxides of Fe, Mn, Co, Ni, Cr, Cu, Pb in lower state of oxidation in combination with peroxygen compounds with or without catalysts such as urea, and other related activating agents mentioned above.

(Complete Specification 6 pages

Drawing 1 sheet-)

Ind. Cl. : 170

D

[XLIII4)]

179248

Int. Cl. : C 11 D-1/14.

A METHOD OF MANUFACTURING ALKYL BENZENE SULPHONATE.

Applicants: HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA,

Inventors: (1) AMANDA JANE ADAME,

(2) DAVID WILLIAM ROBER

Application No. 85/Bom/94 filed on 09-03-91..

Priority date 11-03-93 U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

6 Claims

A method of manufacturing alkyl benzene sulphonate by contacting, as reactants, alkyl benzene with sulphur trioxide using a molar ratio of alkyl benzene to sulphur trioxide in the range from 1 : 0.9 to 1 : 1.3, characterized by incorporating sulphuric acid into the reaction mixture after bringing the reactants into contact with each other, the amount of sulphuric acid being not more than 10% of the reaction mixture, and then allowing reaction in the Mixture to continue for at least 15 minutes.

(Comp,specn. 14 pages Drgs, Nil.)

Ind. Cl. 144 D Gr.[XII(3)] 179249
Int. Cl. : B 44 D-3/16,

A FLUIDIZED BED PAINT STRIPPER.

Applicant : THERMAX LIMITED, AN INDIAN COMPANY AT THERMAX HOUSE, 4 BOMBAY PUNE ROAD, SHIVAJI NAGAR, PUNE 411005, MAHARASHTRA STATE, INDIA.

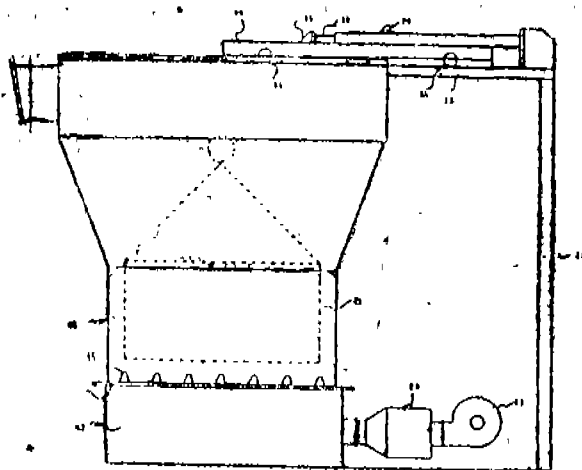
Inventor : PRASHANT SAVARDEKAR.

Application No. 106/BOM/94 filed on 21-03-94,

Appropriate Office for Opposition Proceedings (Rule- 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

7 Claims

A fluidized bed paint stripper comprises: a ceramic lined refractory-plenum chamber; a sand fluidizing bed chamber positioned above the said ceramic lined refractory plenum chamber; a plate member secured between the said ceramic lined refractory plenum chamber is provided with nozzles at present distances and defining passage into the said sand fluidizing bed chamber; a combustion chamber in communication with the said ceramic lined refractory plenum chamber; said combustion chamber having a blower fan; a lid for closing the said sand fluidizing bed chamber at the top end; and a basket member which may be lowered into the said sand fluidizing bed chamber.



(Compl. Specn. 10 pages; Drgns. 2 sheets.)

Ind. Cl. : 123-1

179250

Int. Cl. : A 01 N-63/02
C 07 C-99/02.

AN IMPROVED PROCESS FOR MANUFACTURING MINERAL CHELATES OF AMINO ACIDS IN POWDER FORM FOR SFFDS.

Applicant & Inventor : DR. RAJENDRA YASHWANT ANGLE, OF 2, LARISSA, 396-B, OFF. S. TEMPLE ROAD, MAHIM, BOMDAY-400HIG, MAHARASHTRA INDIA, ON INDIAN NATIONAL.

Appropriate Office Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-400 013.

3 Claims

1. An improved process for manufacturing mineral chelates of amino acid in powder form for seeds germination comprising the steps as under :—

- (a) casein is mixed with water in stainless steel reactor and treated with Alkali to maintain PH 7.5 to 8.5.
- (b) the casein in step A is treated with enzyme pantothenic acid to get protein hydrolyte solution.
- (c) the hydrolyte solution of protein thus obtain in step B is further treated with hydrochloric acid to terminate the further hydrolysed at PH 3 to 4.5;
- (d) the protein hydrolysate solution of step C is treated with mineral sulphate at PH 4.3 to 4.5 and stirred, atleast for 1 hr. at room temperature to get the mineral chelates which is slowly mixed with lactose with stirring to obtain the mineral chelates of amino acid which is dried under vacuume to get the powder form ready to use.

Ind. Cl. : 107-G

179251

Int. Cl⁴ : F 02 B 41/00.

AN INTERNATIONAL COMBUSTION ENGINE.

Applicant : GOVINDASWAMY VENKATACHALAPATHY, NO. 1, 3RD CROSS STREET, KOTHARI LAYOUT, SINGANAILLUR TOST, COIMBATORE-641005, TAMIL NADU, INDIA, INDIAN NATIONAL.

Inventor : GOVINDASWAMY VENKATACHALAPATHY.

Application and Provisional Specification No. 659/MAS/90 filed on 20th August 1990.

Complete Specification Left : 20th August 1991,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

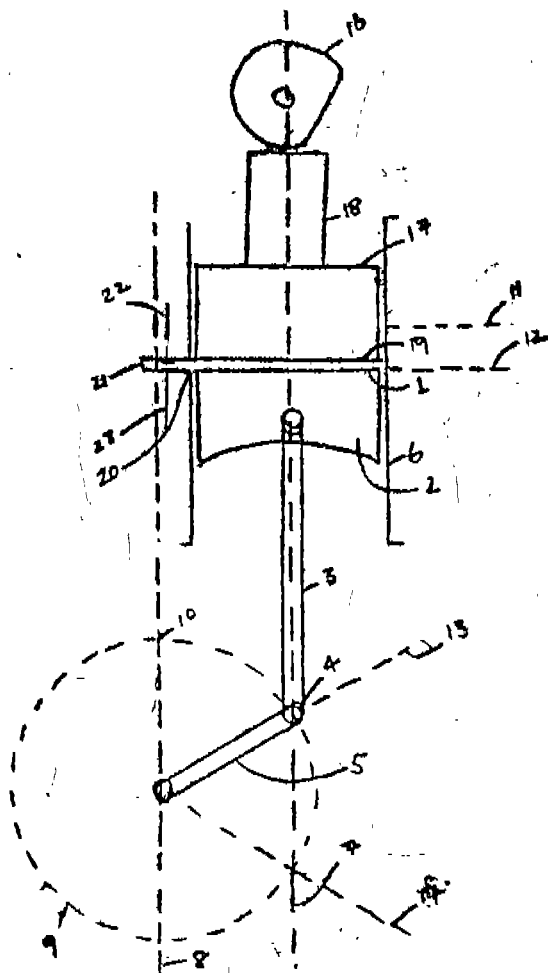
3 Claims

An internal combustion engine comprising a crankshaft spaced from the line of traverse of the main piston such that the said line intersects the locus of the crankpin at 60° after TDC and 120° after TDC; a secondary piston is located

outside the cylinder, said cam being coupled to the crankshaft to move the secondary piston along with the main piston over a distance defined by TDC and 60° after TDC positions of the main piston such that a predetermined gap is maintained between the main and auxiliary piston over such dis-

tance, the arrangement being such that the fuel mixture in injected into the cylinder and compressed between the two pistons is ignited at 60° after TDC.

Agent : KAMATH & KAMATH.



(Prov. 8 pages; Drgns. 2 steets.)
(Compl. Specn. 10 pages; Drgns. 2 sheets)

Ind. Cl. : 146 D 179252
Int. Cl.⁴ : G 02 B 6/24.

AN OPTICAL FIBER SPLICING ELEMENT.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, U.S.A. OF 3M CENTRE, SAINT PAUL, MINNESOTA 55144, UNITED STATES OF AMERICA.

Inventor : RICHARD A. PATTERSON, U.S.A.

Application No. 838/MAS/90 filed on 19th Oct., 90,

Appropriate Office for Opposition Proceedings (Rule- 4, Patents Rules. 1972), Patent Office, Madras Branch.

11 Claims

An optical fibre splicing element to splice two abutting ends of optical fibres having generally different diameters due to manufacturing tolerances, the said element made from a ductile material (12) comprising means (76, 84, 85) defining three planar fiber supporting surfaces (78, 79, 86) disposed with each surface positioned at an acute angle to a second surface and defining an optical fiber passageway therebetween adapted to receive therein two fiber ends in abutting relationship to be spliced together, said passageway having a generally triangular cross-section, at least one of said fiber supporting surfaces (86) being movable in relationship to the

other fiber supporting surfaces (78, 79) characterized in that said surfaces are in spaced parallel relationship from a fold line formed by a groove (73) in the material (12) and the material from the fiber supporting surfaces to the edge of the material (12) form legs (74, 75, 120, 121) for supporting said one fiber supporting surface (86) for drawing at least said one of said supporting surfaces (86) toward the other of said surfaces (78, 79) with sufficient force to engage two fiber ends and cause each said fiber supporting surface to deform uniformly around said fiber ends with a larger of said fiber ends being embedded uniformly into each of said three fiber supporting surfaces forming said fiber passageway to a slightly greater depth than said smaller diameter fiber. to accommodate said variations in fiber diameter due to manufacturing tolerances resulting into two said fibre; finds being brought into coaxial alignment and for clamping said fiber ends with sufficient compressive force to restrict said fiber ends from being pulled out of said fiber passageway and insufficient force to be deleterious to said optical fibers.

Agent : M/s. DEPENNING & DEPENNING.

(Comp). Specn. 19 pages; Drgns. 2 sheets.)

Ind. Cl. : 206-E 179255
Int. Cl.⁴ : H 04 Q 11/00 &
H 04 I. 7/00.

A SPREAD SPECTRUM DIVERSITY RECEIVER FOR A CDMA CELLULAR TELEPHONE SYSTEM.

Applicant : QUALCOMM, INC. A CALIFORNIA CORPORATION OF 10555 SORRENTO VALLEY ROAD SAN DIEGO, CALIFORNIA 92121, U.S.A.

Inventors : (1) KLEIN S. GILHOUSEN
(2) ROBERTO PADOVANI
(3) CHARLES E. WHEATLEY.

Application No. 889/MAS/90 filed on 6th November 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule-8, 1972), Patent Office, Madras Branch.

9 Claims

A spread spectrum diversity receiver for a CDMA cellular telephone system comprising : a searcher receiver having signal inputs for receiving multiple pilot signals each of which arrive over different propagation paths and have a resultant time difference with respect to one another, said searcher receiver having a signal strength detector connected to receive and determine the strength of each received pilot signal and corresponding time relationship with respect to one another, and to produce an output over which a searcher control signal is provided to indicate which pilot signals have the greatest signal strength & corresponding time relationships for such pilot signals; and at least one data receiver having signal inputs for receiving spread spectrum modulated information signals each of which corresponds to a different one of said pilot signals and a signal input for said searcher control signal, said data receiver having a demodulator that responds to said searcher control signal by demodulating one of said spread spectrum modulated information signals corresponding to the greatest signal strength pilot signal, so as to generate an output signal bearing information,

Agent : M/s. DEPENNING & DEPENNING.

(Compl. Specn. 34 pages; Drgns. 4 sheets.)

Ind. Cl. : 60 P 172254
Int. Cl.⁴ : A 41 B 13/02.

A DISPOSABLE DIAPER.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE, U.S.A. OF 3 M CENTRE, SAINT PAUL, MINNESOTA-55144, U.S.A.

Inventors : (1) KIRIT C. MODY, U.S.A.
(2) BERNARD D. CAMPBELL, U.S.A.

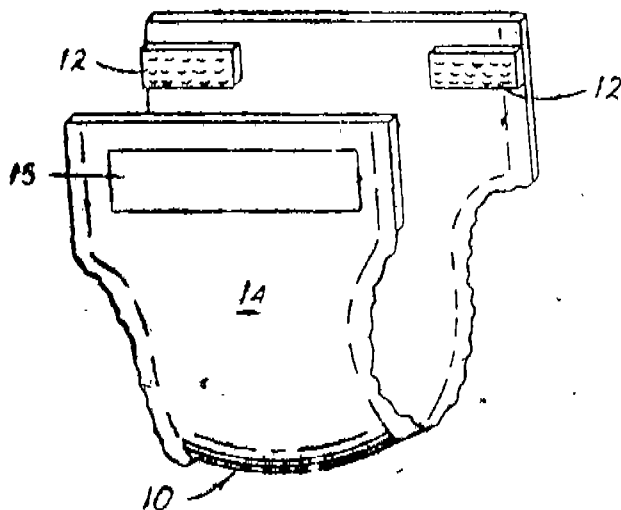
Application No. 917/MAS/90 filed November 14, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A disposable diaper (10) comprising a laminate (14) having a first and second opposite ends and hook and loop fastener means for fastening together the portions of the said laminate to secure the diaper to on individual, wherein the loop fastener portion of the said fastener means having multiplicity of loops, is adjacent the first end of the said laminate, while the hook fastener means of the said fastener means is at the second end of the said laminate, the said hook fastener portion (12) comprising a plurality of wrap yarns (16), a plurality of weft yarns (18) interwoven with said warp yarns (16) forming a woven bucking (20) having front and rear major surfaces (21, 22), a plurality of pile monofilaments (24) having portions woven into said backing (20) and portion projecting from the front surface (21) of said backing (20) and having distal land portion (25) adapted for making releasable engagement with said loops, and a layer (26) of thermoplastic material along the rear surface of said backing (20), the said layer (26) of thermoplastic material and the mechanical engagement of said portions of said pile monofilaments (24) being woven into said backing (20) with said warp and weft yarns (16, 18) anchoring said monofilaments (14) in said backing (20), and said layer (26) of thermoplastic material adhering said hook fastener portion (12) to said laminates (14).

Agent : M/s. DEPENNING & DEPENNING,



(Compl. Specn. 14 pages; Drngs. 3 sheets)

Ind. Cl. : 90-I. 179255
Int. Cl.⁴ : C 03 B 37/00.

A METHOD OF PRODUCING A CONNECTED OPTICAL FIBER HAVING AN OPTICAL CONNECTION BETWEEN ATLEAST TWO OPTICAL FIBERS.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, OF 3M CENTER, SAINT PAUL, MINNESOTA 55144-1000, U.S.A., INCORPORATED IN THE STATE OF DELAWARE, U.S.A.

Inventors : (1) NICHOLAS ANTHONY LEE,
(2) JAMES EDISON TOONEN.

Application No. : 921/Mas 90 filed on 15th November, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Madras Branch.

6 Claims

A method of producing a connected optical fibre having an optical connection between atleast two optical fibers, the said method comprises providing a thermoplastic adhesive at the connection between the optical fibres, heating the thermoplastic adhesive above its softening point to obtain the optical connection between the optical fibers, the said thermoplastics adhesive consists of thermoplastic resins, such as herein described, having a viscosity of between 1000 and 10,000 cp at a temperature not more than 260°C, an Adhesive-to-Glass Value of at least 10N, and Shore D hardness of at least 60 at 20°C.

Agent : DEPENNING & DEPENNING.

(Compl. Specns. : 17 pages; Drngs. : 1 Sheet)

Ind. Cl. : 32 F 2(a) 179256
Int. Cl.⁴ : C07 C 131/04.

A PROCESS FOR OBTAINING A SUBSTANTIALLY CHLORIDE FREE SOLUTION OF CYCLOHEXANONE OXIME IN CYCLOHEXANONE.

Applicant : BASF AKTIENGESELLSCHAFT, A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF FEDERAL REPUBLIC OF GERMANY, OF 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HUGO FUCHS, GERMANY,"
(2) GEARLD NEUBAUER, GERMANY,
(3) JOSEF RITZ, GERMANY.

Application No. : 1013/Mas/90 filed on 14th December, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1912), Patent Office, Madras Branch.

7 Claims

A process for obtaining a substantially chloride free solution of cyclohexanone oxime in cyclohexanone comprising the steps of treating aqueous mother liquors containing hydrochloric acid, sulphuric acid and their hydroxyl ammonium and ammonium salts with an excess of cyclohexanone based on the hydroxylammonium salts in the mother liquor, adding a metal hydroxide solution such as herein described to the reaction mixture to maintain the pH at 3 to 5.5 separating the cyclohexanone phase containing cyclohexanone oxime and washing the same with water until it is substantially free of chloride ions and if desired recovering in a known manner cyclohexanone from the mother liquor followed by aqueous washing for recycling.

Agent : DePenning & DePenning.

(Compl. Specns. : 10 pages)

Ind. Cl. : 99 C. E 179257
Int. Cl.⁴ : B 65 D 1/16.

A LARGE-VOLUME STACKABLE BARREL.

Applicant : MAUSER-WARKE GMBH, OF SCHILDGESSTR. 71-163, 5040 BRUHL, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

Inventors : (1) DIETMAR PRZYTULLA, GERMANY,
(2) MARTEN BURGDORF, GERMANY.

Application No. : 84/Mas/91 filed on 4th Feb. 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Madras Branch.

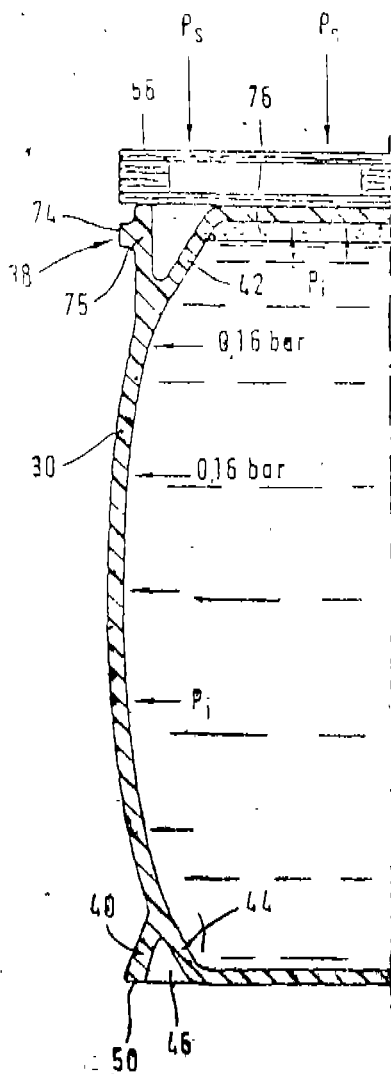
8 Claim

A large volume, stackable barrel comprising a substantially cylindrical barrel wall (30) and upper and lower disc-shaped barrel heads (32, 34) wherein an encircling grab ring (38) is provided on the said barrel wall (30) in the vicinity of at

least the upper barrel head (32), at least one of the two barrel heads is connected to the barrel wall (30) via an annular portion (42, 44) which when viewed in cross section projects, outwardly in the axial direction in a substantially conical or convex manner, the height of the projecting portion (33, 54) of at least one barrel head above the grab ring (31, 40) being 1 to 5 times the wall thickness of the barrel wall (30) or the barrel head (32, 34) the said outwardly projecting annular portions (43, 44) of the upper barrel head (32) and/or of the lower barrel head (34) is resiliently deformable to withstand hydrostatic pressure of between 0.1 and 0.3 bar, pressure in excess thereof being transmitted to the barrel wall (30) via the grab ring (38, 40).

Ref. : German Patent No. G 8705916.

Agent : M/s. DePenning & DePenning.



(Compl. Specns. : 15 pages; Drgns. : 3 Sheets)

Ind. Cl. : 40-H

179258

Int. Cl.⁴ : B 01 D 53/00.

A METHOD OF PREPARING PURIFIED GASES WITH REDUCED AMOUNT OF POLLUTANTS AND A WETTING REACTOR FOR PREPARING THE SAME.

Applicant : FOSTER WHEELER ENERGIA OY, OF
SENNERIKUJA 2,00440 HELSINKI (FINLAND, A FIN-
NISH BODY CORPORATE.

Inventor : REIJO KUIVALA1NEN.

Application No. : 147/Mas/91 filed on 21st February, 1991.

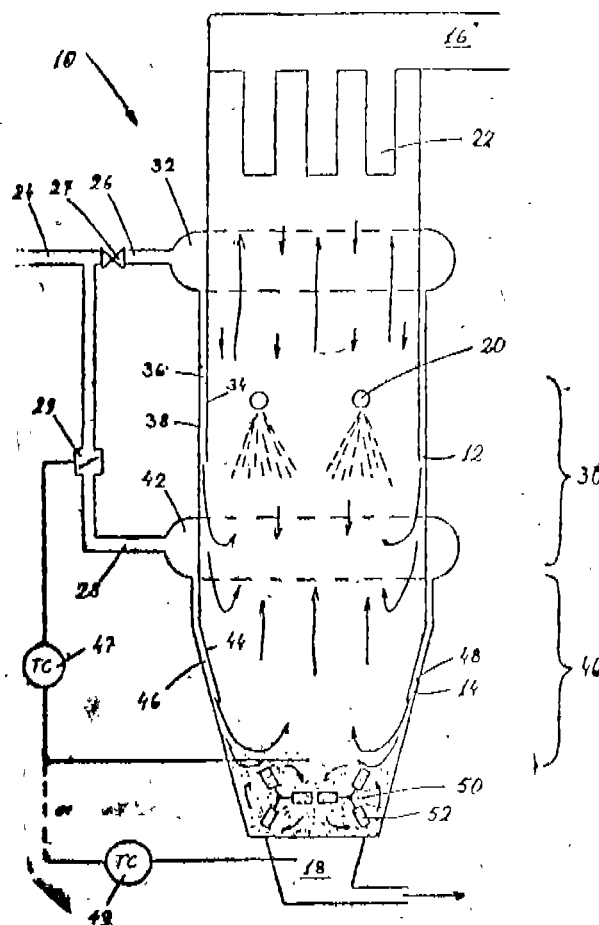
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Madras Branch.

24 Claims

A method of preparing purified gas, with reduced amount of pollutants, such as sulphur Oxides chlorine or fluorine compounds, from gases containing these pollutants comprising

contained in the gases during the production of the gases with pollutants or after they are produced; introducing the gases into a wetting reactor for wetting the gases by water or steam in order to activate the reagent and/or absorbent contained in the gases, wherein the gases are introduced into the wetting reactor in which the temperature of the gases is maintained at 0-20°C above dew point temperature, to at least two vertical levels so that a first portion of the gases is fed into a wetting zone, where the suspension produced of gas and reagent and/or absorbent is wetted with water and/or steam, below nozzles for spraying water and/or steam into the gases, and a second portion of the gases is fed into a second zone disposed below the wetting zone, ratio of the amount of the gases fed into the wetting zone being higher than the amount of gas fed into the second zone; separating the reagent and/or absorbent particles, reacted either completely or partly, from gases coming through the wetting zone in the uppermost part of the wetting reactor whereafter the purified gases are obtained from the wetting reactor; recycling solid particles separated from the gases above the wetting zone downwardly in the wetting reactor, counter currently to the gases flowing upward, to the wetting zone or a level below the wetting zone thereby maintaining a higher particle concentration in the wetting reactor than the particle concentration in the gases introduced into the wetting reactor.

Agent : DEPENNING & DEPENNING.



(Compl. Specns. 34 pases;

Drgns.

4 Sheets)

Ind. Cl. : 123 B,

G

179259

Int. Cl.⁴ : A 61 F 2/42,

A SYSTEM FOR RECONSTRUCTING WRIST JOINTS.

Applicant : MEDEVELOP AB., ANDERGATAN 3,S-431 69 MOLNDAL., SWEDEN, A SWEDISH COMPANY.

Inventor : (1) PER-INGVAR BRANEMARK, SWEDEN.

Application No. : 321 / Mas\ 91. filed on 23rd April 1991.

Appropriate; Office for Opposition Proceedings (Rule 4. Patents Rule 1972), Patent Office, Madras; Branch.

9 Claims

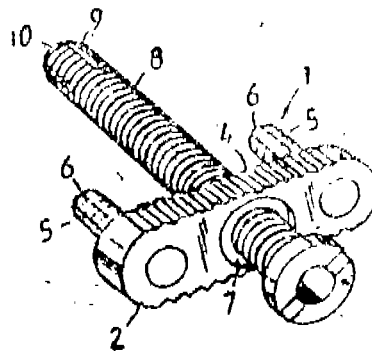
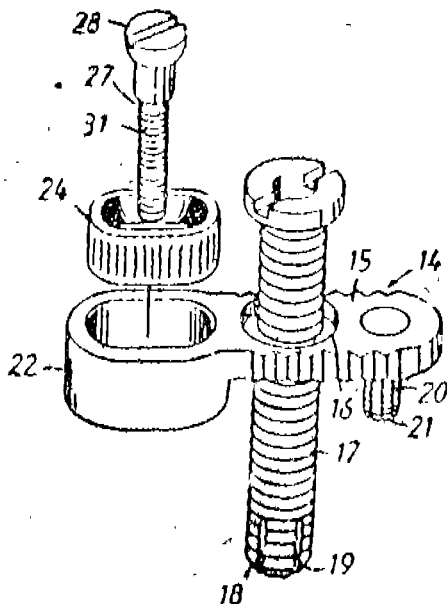
A system for reconstructing a wrist joint comprising :

a first main component comprising a first front plate with an outward facing side for facing toward the hand and an opposite inward facing side, a first amending pin supported in the first front plate, protruding from the outward facing side of the front plate and extending toward a bone on the outward facing side of the first front plate;

a second main component comprising a second front plate having a second inward facing side facing away from the hand and on opposite second outward facing side, a second anchoring pin supported on the second front plate and extending into the bone at the second inward facing side of the second plate;

a third main component comprised of elastomeric material and disposed between the inward facing side of the first front plate and the second outward facing side of the second front plate, and means on the first and second plates and on the third component for securing them together, the elastomeric material of the third component being deformable for permittee the hand to move at the wrist, and comprising guide means disposed on the second component and a control element extending from the guide means for extending into the ulna bone of the wrist, the guide means being connected to the second front plate of the second component, and the guide means being so shaped and positioned as to permit rotary movement of the reconstructed wrist.

Agent : Depenning & DePenning.



(Compl. Specns. : 13 pages;

Drawns, ; 3 Sheets)

Ind. Cl. : 190

B

1 79260

Int. Cl.⁴ : P 01 D 21/18

HYDRAULIC SAFETY AND REGULATING SYSTEM.

Applicant : ASEA BROWN BOVERI LTD., OH BADEN, (P.O. BOX CH-5401) SWITZERLAND. (A SWISS COMPANY).

Inventors :

(1) EDI BURCH, SWITZERLAND,

(2) HEINZ FREY, SWITZERLAND.

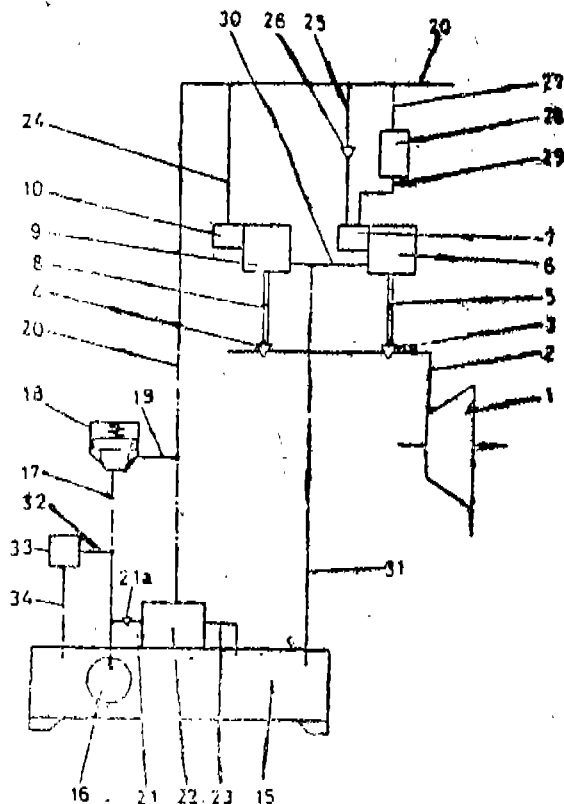
Application No. 323/Mas/91 filed April 23, 1991.

Appropriate Office for Opposition Proceedings. (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

9 Claims

A hydraulic safety and regulating system for the steam feed, of a turbine having at least one rapid-action valve, at least one steam-regulating valve actuated by power oil, at least one central safety downward-control unit, a line system monitored by the safety downward control unit, for the hydraulic actuation, an oil draining device and at least one pump for the power oil, wherein the monitored line system is designed both as a power oil supply and as a safety oil system; wherein the power oil is fed into a main line through a second line, through at least one connecting valve and a third line; and wherein the safety downward-control unit is pressurized by means of oil via a fourth line and is connected to the oil draining device via a fifth line; and the safety downward control unit is directly connected to the main line.

Agent : DePenning & DePenning.



(Compl. Specn. 16 Pages;

Drg. 2 Sheets)

Ind. Cl. : 42-D

179261

Int. Cl.¹ : A 24 B 13/02**A METHOD AND AN APPARATUS FOR PROCESSING TOBACCO LEAF MATERIAL.**

Applicant : BRITISH-AMERICAN TOBACCO COMPANY LIMITED, P. O. BOX 482, WESTMINSTER HOUSE, 7 MILLBANK LONDON SW1P 3 JE, ENGLAND, A BRITISH COMPANY.

Inventors :

- (1) BARBARA CAROL KLAMMER
- (2) DAVID JAMES MOLYNEUX
- (3) ROY LESTER PROWSE.

Application No. 735/Mas/90 filed on 17th September 1990.

(Convention Date : 18 September 1989; No. 8921113.3; United Kingdom).

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

20 Claims

A method for processing tobacco leaf material comprising feeding and passing tobacco material existing of tobacco leaf lamina and tobacco leaf stem in a moisture content above its transition moisture content through a flow path between rotatably moving leaf reduction elements to reduce the same to a fluent mixture comprising flakes of said lamina and shreds of the said stem).

Agent : Depenning & DePenning,

(Compl. Specn. 34 Pages;

Drgs. 7 Sheets)

Ind. Cl., 168 C, H

179262

Int. Cl.⁴ : G 06 F-13/00

A COMPUTER SYSTEM PROVIDING INPUT/OUTPUT THROUGHPUT AND MAINTAINING RELIABLE TRANSFER OF DATA ON A BUS BETWEEN A PROCESSOR OPERATING AT A RATE CONTROLLED BY A FIRST CLOCK SIGNAL.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, OF ARMONK, NEW YORK 10504, U.S.A.

Inventors :

- (1) THOMAS FRANCIS LEWIS, U.S.A.
- (2) STEPHEN PATRICK THOMPSON, U.S.A.

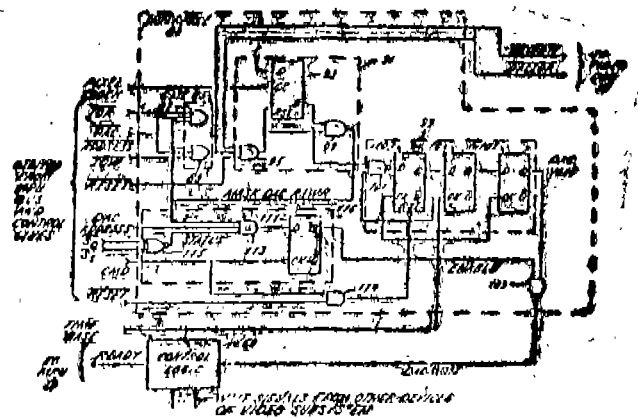
Application No. 761/Mas/90 filed on 25th Sep. 90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

11 Claims

A computer system providing enhanced input/output throughput and maintaining reliable transfer of data on a bus between a processor operating at a rate controlled by a first clock signal having a first clock cycle period and a set of one or more peripheral devices said computer system comprising a peripheral device responsive to read or write signals and having a timing parameter requiring a minimum time period to separate presentation to in input to the peripheral device of a second read or write signal in consecutive data transfer executed by the peripheral device, and a peripheral interface interposed between the peripheral device and the bus, said peripheral interface comprising a timing circuit for measuring a time period after the peripheral device received the first read or write signal, the time period being at least as great as the timing parameter and controlled by a second clock signal having a second clock cycle period established independently with respect to the first clock cycle period; and a synchronization circuit, which is responsive to the timing circuit, for sensing the transmission by a source of the second read or write signal before the time period associated with the first read or write signal has elapsed and in response, transmitting a signal to the source of the second read or write signal for extending a second transfer cycle associated with the second read or write signal from the source and a bus interface coupling the bus to the peripheral interface.

Agent : DePenning & DePenning.



(Compl. Specn. 43 Pages;

Drgs.

8 Sheets)

Ind. Cl. 152 F

179263

Int. Cl.⁴ : C 08 K 3/00

A METHOD OF PRODUCING SURFACE-MODIFIED FLAME INHIBITING FILLER PARTICLES.

Applicant : LONZA LTD., GAMPEL/VALAIS, SWITZERLAND, A SWISS COMPANY.

Inventors :

(1), HANS-DIETER METZEMACHER, GERMANY.

(2) RAINER SEELING, GERMANY.

Application No. 864/Mas/90 filed 29, October 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A method of producing surface modified flame inhibiting filler particles from an inorganic hydroxide such as magnesium or aluminium hydroxides composing mixing particles of the said inorganic hydroxide with a liquid ethylene propylene copolymer (EPM), a liquid ethylene propylene terpolymer (EPDM) or mixture thereof and at least one compound selected from the group consisting of transpolyoctenamer (TOR), a thermoplastic elastomer, a coupling agent and a cross linking agent and fluidising the said mixture to modify the surface of the said inorganic oxides.

Ref. Cited : Euro Patent No. 292233.

Agent : DePenning & DePenning.

(Compl. Specn. 32 Pages; Drgs. 0 Sheets)

Ind. Cl. : 97 A

179264

Int. Cl.⁴ : G 01 F 1/00

A DEVICE FOR COLLECTING GAS IN ELECTROLYTIC ALUMINIUM REDUCTION FURNACES.

Applicant : ELKEM ALUMINIUM ANS., A COMPANY INCORPORATED UNDER THE LAWS OF NORWAY OF NYDALSVEIEN 15, OSLO 4, NORWAY.

Inventor : ARNT TELLEF OLSEN, NORWAY.

Application No. 907/Mas/90, filed November 12, 1990.

Appropriate Office for Opposition Proceedings. (Rule 4, Patents Rules 1972), Patent Office, Madras branch.

13 Claims

A device for collecting gas in electrolytic aluminium reduction furnaces equipped with Sderberg anoden, the said device comprising a plurality of liftable cover plates which cover the complete area between the sidewalls of the furnace and the casing of the anode, the cover plates being sealed against the circumference of the anode casing and against the sidewalls of the furnace.

Agent : Depenning & Depenning,

(Compl. Specn. 14 Pages; Drgs. 4 Sheets)

Ind. Cl. : 25 C

179265

Int. Cl.⁴ B 28 P, 23/22

A METHOD FOR THE PRODUCTION OF COMPOSITE PANELS BASED ON ORNAMENTAL STONE OR AN EQUIVALENT MATERIALS AND A COMPOSITE PANEL THEREOF.

Applicant : TECNOMAIERA S R L., ITALIAN COMPANY, OF VIA DELIA REPUBBLICA 2, 10060 INVERSO PINASCA (TORINO), ITALY.

Inventor : GIUSEPPE MAROCCO, ITALY.

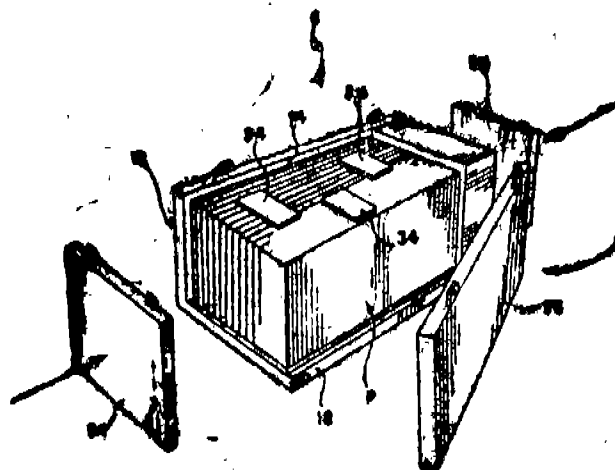
Application No. 956/Mas/90 filed November 27, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

34 Claims

A method for the production of composite panels (PN) based on ornamental stone or an equivalent material in flat slabs (LS), of the type comprising the successive steps of composing a pack (P) of slabs, enclosing the pack, of slabs in a liquid-tight container (c), subjecting the interior of the container to a vacuum, introducing a settable fluid binder into the container whilst it is under vacuum so that the binder penetrates the gaps between the slabs and covers the pack of slabs, releasing the vacuum in order to complete the penetration of the binder, leaving or causing the binder to set so as to produce a consolidated pack (P) of slabs in a block (72), removing the block (72) from the container and finally subjecting the block (72) to multiple cutting to produce the panels (PN), characterised in that the pack (P) is formed by positioning successive layers (L) constituted by ornamental slabs (LS) of stone or equivalent material alternating with supplementary layers constituted by slabs or sheets (RL, SL) in succession on a support base (10), the container (C) is formed around the pack (P) carried by the support (10) so that a peripheral space (60, 64, 66) is left in the container at least around the edges of the layers of the pack, the fluid binder is introduced into the container (C) so that the binder completely fills the peripheral space and, after setting, constitutes a hermetic covering over the faces of the block corresponding to the edges of the layers (L), and the final multiple cutting of the block (72) is carried out along the intermediate planes of some layers in order to produce the panels (PN).

Agent : DePenning & DePenning.



(Compl. Specn. 24 PAGES; Drgs. 5 sheets)

Ind. Cl. 23-G

179266

Int. Cl.⁴ : B 65 1 19/00

A HINGE LID PACK FOR CIGARETTES.

Applicant : FOCKE & CO (GMBH & CO.), STEMENS-STR., 10. D - 210 VERDEN, GERMANY.

Inventors :

(1) HEINZ FOCKE,

(2) HELMUT GRANZ.

Application No. 971/Mas/90 filed on 30th November 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

6 Claims

A hinge lid pack for cigarettes comprising a pack part having a lid hinged on a rear wall thereof; and a collar having a front wall and side walls and being arranged in the

11 Claims

An improved process for producing an alkali or alkaline earth metal carbonate from soluble alkali or alkaline earth metal oxides or hydroxides, comprising the steps of injecting liquid carbon dioxide into a reaction vessel containing a fluid solution of at least one of the said reactants, expanding the said liquid carbon dioxide therein to the gaseous stage and then reacting in a dispersion exothermically with the dissolved alkali/alkaline earth metal oxides and/or hydroxide to convert the same into the corresponding carbonates.

Ref. cited : U.S. Patents Nos. 3815377

Agent : M/s. Depenning & Depenning,

(Comp, 16 Pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 129 M

179270

Int. Cl⁴ : B 26 D 3/02

CHAMFERING PRESSING MACHINE AND A METHOD OF PRODUCING CHAMFERED METAL ARTICLES THEREWITH.

Applicant : AKEBONO BRAKE INDUSTRY CO., LTD., A CORPORATION OF JAPAN. OF 19-5, NIHONBASHI KOAMI-CHO, TOKYO, JAPAN.

Inventors : 1. YUKIO IWATA, JAPAN, 2. HIKOH KUSAKA, JAPAN.

Application No. 546/Mas/91 filed on July 17, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

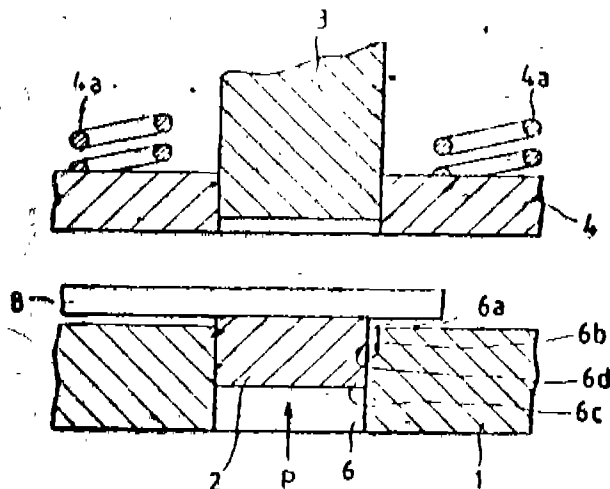
A chamfering pressing machine comprising :

a blanking—chamfering section having a die, said die having a shearing die section, a chamfering die section and a guide section;

A punch for shearing a sheet of material to form a product of a predetermined shape, said sheet of material being placed on said blanking-chamfering section for shearing; and

a cushioning pad received in said die capable of an upward and downward movement so as to support said product.

Agent : M/s. Depenning & Depenning.



(Com. : 17 Pages;

Drwgs.

: 4 Sheets)

Ind. Cl. : 32 F_{3g} & 55

E₂

179271

Int. Cl⁴ : C 07 J 51/00.

A PROCESS FOR THE PREPARATION OF 21 ESTERS OF PREGNA-3, 20 DIONES.

Applicant : AKTIEBOLAGET ASTRA, A SWEDISH COMPANY, OF S-151 85 SODERTALJE, SWEDEN.

Inventors : BENGT INGEMAR AXELSSON, SWEDEN; RALPH-LENNART BRATISAND, SWEDEN. LEIF ARNE KALLSTROM, SWEDEN, ARNE BROR THALEN, SWEDEN.

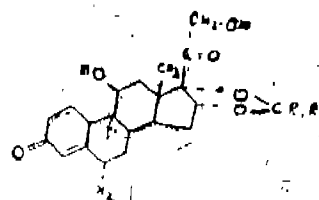
Kind of Application : Complete.

Application for Patent No. 91/Del/92 filed on 03-01-92.

Appropriate Office for Opposition Proceedings ((Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A process for the preparation of 21 esters, of pregna-3, 20 diones of the general formula I,



or a stereoisomeric component thereof, in which formula the 1, 2 position is saturated or is a double bond.

R₁ is hydrogen or a straight or branched hydrocarbon chain having 1-4 carbon atoms,

R₂ is a hydrogen or a straight or branched hydrocarbon chain having 1-10 carbon atoms,

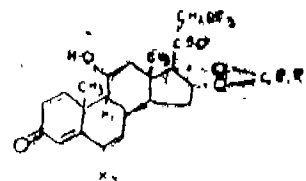
R₃ is acyl having a straight or branched saturated or unsaturated hydrocarbon chain having 1-20 carbon atoms, at least one of X₁ and X₂ is fluorine and the other is hydrogen or fluorine, provided that

(1) R₁ and R₂ are not simultaneously hydrogen,

(2) when the 1,2-position is a double bond, R₁ and R₂ are not simultaneously methyl groups,

(3) when the 1, 2-position is a double bond, R₁ is a hydrogen atom and R₂ is a straight or branched hydrocarbon chain having 1-10 carbon atoms R₃ is acyl having 11-20 carbon atoms,

characterised by relation of a pregna-4-ene-3, 20 diones of the formula II.



wherein R₁, R₂, X₁, and X₂ are defined above with an aid of the formula

R₁ COOH

wherein R₁ is a straight or branched, saturated or unsaturated alkyl with, 3-19 carbon atoms, and if desired, in any known manner, resolving the product obtained into its stereoisomeric components.

Ref. No. NIL

Agent : REMFRY & SAGAR,

(Compl. Specn. 47 pages;

Drng

Nil.)

Ind. Cl. : 55 E₁ 179272Int. Cl.⁴ : C 07 K 3/02 & C 07 K 15/02.

A PROCESS FOR THE PREPARATION OF NOVEL HYDROCARBON SPECIFIC PROTEINS HAVING PROTEIN BANDS OF 58 KDa, 42 KDa or 32KDa.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI - 110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860), & OIL NATURAL GAS COMMISSION, TEL BHAWAN, DEHRADUN, INDIA.]

Inventors : VENUGOPALAN DAMODARAN NAIR, SUNIL KAUL, RAKESH KUMAR JAIN, SANDIP KUMAR BASU & TAPAN CHAKRABARTI, ALL INDIAN CITIZENS.

Kind of Application : Complete.

Application for Patent No. 776/Del/92 filed on 01-09-

Appropriate Office for Opposition Proceedings ((Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

15 Claims

A process for the preparation of novel hydrocarbon specific proteins having protein band of 58 KDa, 42KDa or 32 KDa, which comprises :

(la) obtaining soil sampler from a depth of atleast 0.5 metres,

(b) preparing a suspension of the soil samples in a conventional liquid mineral medium such as herein described, in the presence of a mixture of air and gaseous hydrocarbons present normally in oil & natural gas deposits in the ratio in the range of 3:2 to 2:3, at a temperature in the range of 20 degree to 40 degree C under constant stirring for a period of not less than 6 hrs.

(c) enriching the said suspension in the same liquid mineral medium in the presence of the said mixture of air & gaseous hydrocarbons,

(d) isolating the pure cultures by known methods,

(e) growing the pure culture obtained in step (d) in the same medium used in (b) in presence of air & gaseous hydrocarbons mentioned above,

(f) separating the solids & supernatant by centrifugation, washing the separated solids with conventional buffer solutions & making a suspension in same buffer,

(g) macerating the suspension by known methods,

(h) centrifuging the macerated suspension at different 'g' values in the range of 1500X g to 160000X g to effect isolation & purification of membrane fractions,

(i) separating the membrane fractions by known methods,

(j) electrophoresing the purified membrane fractions obtained in step (i) using polyacrylamide gel containing sodium dodecyl sulphate (SDS-PA.GE) to effect separation of component polypeptides and staining to visualise the hydrocarbon specific protein, and

(k) extracting the said hydrocarbon specific proteins having protein bands of 58 KDa, 42 KDa or 32 KDa molecular weights by known methods.

Ref. No. US - 2,269,889 & 2,294,425 & 3,096,254 & 2,861,921 & 2,807,570.

Agent : NIL.

Complete Specification 37 Pages; Drawings Nil.

Ind. Cl. : 32 F₃b

179273

Int. Cl.⁴ : C 07 C 51/42

A PROCESS FOR THE PRODUCTION OF PURIFIED CARBOXYLIC ACID AND/OR ANHYDRIDES.

Applicant : BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SW1W 0SU, ENGLAND.

Inventors : JEREMY BERNARD COOPER, BRITISH.

Kind of Application : Complete.

Application for Patent No. 836/DeI/92 filed on 17-9-1992. Convention date 2-10-1991/9120902.3/UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

7 Claims

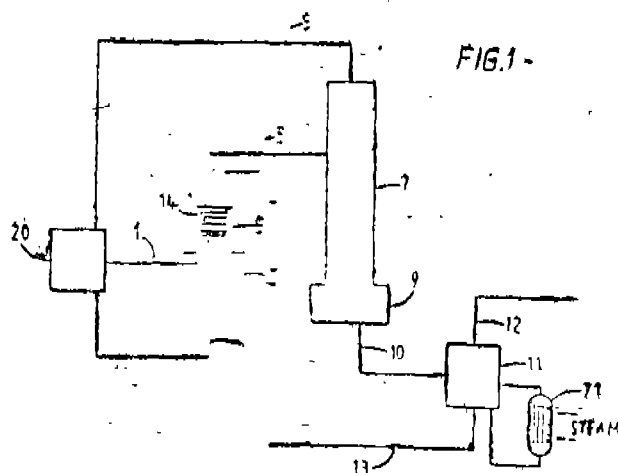
A process for the production of a purified carboxylic acid and/or anhydride from an iodide-contaminated carboxylic acid and/or anhydride fraction obtained by liquid phase carbonylation of a carbonylatable feedstock using a carbonylation catalyst comprising;

separating a liquid fraction comprising carbonylation catalyst and optional iodine-containing co-promoter from a vapour fraction comprising carboxylic acid and/or anhydride, carbonylation feedstock and iodine-containing promoter components by feeding the liquid phase carbonylation-product to a preliminary flash vaporizer(2);

recycling the liquid fraction to the carbonylation reactor (20) and separating an overhead fraction, comprising carbonylation feedstock and iodine containing promoter from a bottoms fraction comprising iodide-contaminated carboxylic acid and/or anhydride and freed from carbonylation catalyst, carbonylation feedstock and iodine-containing promoter and optional iodine-containing co-promoter components by passing the vapour fraction to a distillation (7) column characterised in that the bottoms fraction is fed to a post-flash vapouriser (11) operated at a pressure of up to 10 barg and/or a temperature in the range 100 to 200°C, wherein carboxylic acid and/or anhydride Having a reduced iodide contamination is separated as a vapour fraction from a liquid fraction.

Ref : US - 4,792,620, 5003104, E.P.A. 00878010.

Agent : REMFRY & SAGAR.



(Complete Specification 20 Pages; Drawing Sheet 2)

Ind. Cl. : 32 F₂ b & 55 E₂ 179274
 Int. Cl.¹ : C 07 D 295/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF α -SUBSTITUTED PIPERAZINES

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : SREELA SENGUPTA, DEVI PRASAD SAHU & SUNIL KRISHNA CHATERJEE, ALL CITIZENS OF INDIA.

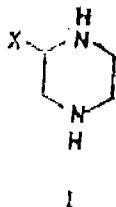
Kind of Application ; Complete.

Application for Patent No. 1075/Del/92 filed on 20-11-92.

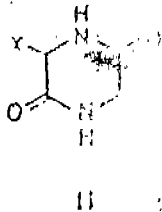
Appropriate Office, for Opposition Proceedings " (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

An improved process for the preparation of α -substituted piperazines having the formula I.



where X represents phenyl, indolylmethyl group which comprises adding dropwise borontrifluoride etherate to 2, 5-diketopiperazine of the formula II,



where X has the meaning given above, and an excess of sodium borohydride in an aprotic solvent to form diborane in situ, heating the resulting mixture at a temperature in the range of 5 to 65°C for, 8 to 36 hours to complete the reaction: to yield α -substituted piperazine of the formula I, where X has the meaning given above.

Ref. No. US—39.17599

INDIAN—131367

Agent : NIL.

(Compl. Specn. 10 pages;

Drag. 1 sheet.)

Ind. Cl. : 32.F_{2b} & 55 E² 179275
 Int. Cl.⁴ : A 61 K 31/405 & C 07 D 209/04.

A PROCESS FOR THE PREPARATION OF 7-BROMO-1-PHENYL-8-ACETOAMIDO-9H-PYRIDO (3, 4b) INDOLES, USEFUL AS ANTIFUNGAL AGENTS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventors : ALKA AGARWAL, SHIV KUMAR AGARWAL, PRAVEEN KUMAR SHUKLA AND ZAFAR, KAMAL KHAN, ALL CITIZENS OF INDIA.

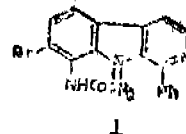
Kind of Application : Complete.

Application for Patent No. 1126/Del/92 filed on 30-11-92.

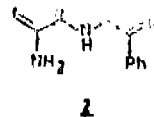
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

5 Claims

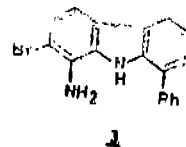
A process for the preparation of 7-bromo-1-phenyl-8-acetamido-9H-pyrido (3, 4-b) indoles having the formula I which comprises :



(i) reacting 8-amino-1-phenyl-9H-pyrido (3, 4-b) Indole of formula 2



with HBr (47 %) in an organic solvent like Dimethyl sulfoxide at ambient temperature for a period of 6 to 20 hours to provide 8-amino-7-bromo-1-phenyl-9H-pyrido (3, 4-b) indole of formula 3,



(ii) treating the 8-amino-7-bromo-1-phenyl-9H-pyrido (3, 4-b) indole of formula 3 with acetic anhydride then basifying by known methods to produce 8-acetamido-7-bromo-1-phenyl-9H-pyrido (3,4-b) indole of formula I.

Ref. No. NIL.

Agent : NIL.

Complete Specification 4 Pages;

Drawings 1 Sheet

Ind. Cl. : 32 F₁ 179276
 Int. Cl.⁴ : C 07 C 17/12 & C 07 C 25/00.

A PROCESS FOR THE PREPARATION OF ORTHO CHLOROTOLUENE USING ACIDIC ZEOLITE CATALYST.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : ANAND PAL SINGH, ANUI RAJ & ANTO PAUL, ALL CITIZENS OF INDIA.

Kind of Application : Provisional Complete.

Application for Patent No. 1234/Del/92 filed on 23-12-92.

Complete Left after provisional specification on 29-06-93.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi 110 005

3 Claims

An improved process for the preparation of ortho chloro-toluene using acidic zeolite catalyst, which comprises reacting toluene with chlorine gas in the presence of a microporous zeolite catalyst material selected from aluminosilicate zeolite having molar compositions $M_2/nO : Al_2O_3 : zSiO_2$ (where M is an alkali or hydrogen with valency n, and z is between 2—500) and is characterized by the X-ray diffraction pattern and infrared spectral data as here in described at a temperature between 20 and 100°C at autogenous pressure for a period between 1 to 8 hrs. and recovering the ortho chloro toluene from the reaction mixture by conventional methods.

Ref. No. US - 4 031 142 & 44 903

Agent : Nil.

Compl. Specn. 42 pages; Drngs. Nil,
Provisional Specn. 11 pages; Drngs. Nil.

Ind.Cl. : 55 D (I) 179277
Int Cl⁴ : A 01 N 65/00.

A PROCESS FOR THE EXTRACTION OF A STABLE ANTIFEEDANT FRACTION FROM NEEM LEAVES (AZADIRACHTA INDICA) USEFUL FOR THE CONTROL OF PESTS PARTICULARLY POLLU BEETLE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : POTTANAKUNNEL BALAKRISHNA SANTHOSHABABU, INDIA MANGALAM SIVASANKARAN NAIR, SHESHA RAMESHA AND GOPALAN VIJAY NAIR, ALL CITIZENS OF INDIA.

Kind of Application : Provisional Complete.

Application for Patent No. 1278/Del/92 filed on 31-12-92.

Complete left after Provisional Specification on 28-12-93.

Appropriate Office for Opposition Proceedings ((Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the extraction of a stable antifeedant fraction from neem leaves (Azadirachta indica useful for the control of pests particularly 'pollu' beetle which comprises extracting fresh or partially dried leaves of the plant neem (Azadirachta indica) with a polar/non polar solvent such as here in described or a mixture thereof in soxhlet apparatus and removing the solvent under reduced pressure of 10 mm to -300mm.

Ref. No. : NIL

Agent : NIL,

Provisional Specification 2 Pages; Drawings Nil.
Complete Specification 10 Pages; Drawing Nil.

Ind. Cl. : 55 Fa & 55 E 179378
Int. Cl.⁴ : A 61 7/00 & 7/40
C 08 L 91/00.

A TOPICAL OIL-IN-WATER EMULSION SKIN CARE COMPOSITION.

Applicant : RICHARDSON-VICKS, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE USA, OF ONE FAR MILL CROSSING, SHELTON, CONNECTICUT 06488, USA.

Inventors : (1) TIMOTHY JOHN HUGHES, US.

(2) GEORGE ENDEL DECKNER, US.

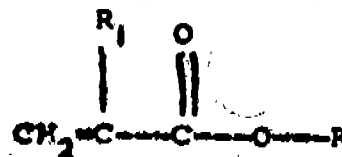
Kind of Application : Complete.

Application for Patent No. 223/DEL/93 filed on 9-3-93.
Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Claims

A topical oil-in-water emulsion skin care composition useful for releasing an aromatic composition substantially free from petrolatum comprising :

(a) from .025% to 3% of a carboxylic copolymer comprising polymers of a monomeric mixture selected from the group consisting of acrylic, methacrylic and ethacrylic acids, 1 to 3.5 weight percent of an acrylate ester of the formula



wherein R is hydrogen or an alkyl radical containing 10 to 30 carbon atoms and R₁ is hydrogen, methyl or ethyl, and 0.1 to 0.6 weight percent of a polymerizable Grass-linking polyalkenyl polyether of a polyhydric alcohol containing; more than one alkenyl ether group per molecule wherein the parent polyhydric alcohol contains (at least 3 carbon atoms and at least 3 hydroxyl groups :

(b) from 0.1% to 30% of one or more volatile aromatic compounds selected from the group consisting of menthol, camphor and eucalyptus oil and mixtures thereof.

Ref. No. US-4,509,949, 2,798,053 & 022,876.

Agent : LALL LAHIRI & SALHOTRA.

Compl. Specn. 17 pages; Drng. Nil

Ind. Cl. : 182 C 179279
Int. Cl.⁴ : C 13 D 3/00.

A PROCESS FOR DEMINERALISATION OF SUGAR CANE JUICE BY ELECTRODIALYSIS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : (1) VEERANATHURE KALVAKALVA INDUSEKHAR, INDIA

(2) POOCKKATTUKUNNATH KRISHNAN NARAYANAN, INDIA.

(3) SREEKUMARAN THAMPY, INDIA,

(4) GAURANG SHAMBHUPRASAD TRIVEDI, INDIA.

(5) DILIP KESHUBHAI CHAUHAN, INDIA.

(6) MANGAL GIRISHBHAI BHATT, INDIA.

(7) PARAMASTVAM NATARAJAN, INDIA.

(8) AYYANASOMAYAJULA VISWESWARA RAO, INDIA.

Kind of Application : Provisional Complete.

Application for Patent No. 297/DEL/9S filed on 24-3-93,

Complete left after Provisional Specification at 6-1-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A process for the demineralisation of sugar cane juice by electrodialysis which comprises clarifying sugar cane juice by known methods to precipitate inorganic salts & filtering the said clarified juice at a temperature in the range of 95—100°C cooling the clarified juice to a temperature in the range of 45—55°C by known methods passing the resultant juice having a pH in the range of 6 to 7.5 through a multi compartment electrodialysis stack packed alternately with cation and anion exchange membranes, passing a conducting medium such as monovalent alkali metal chloride, ammonium chloride or tap water through the concentrate compartments of the electrodialysis stack and maintaining the pH of the clarified juice in the range of 6—7.5, by adjusting the contacting time of the juice and repeating the recycling, to get demineralised sugar cane juice.

Ref. No. : NIL.

Agent :NIL.

(Compl. Specn. 12 pages;

Drags. 1 sheet)

Ind. Cl. : 55

E₂

179280

Int. Cl.⁴ : A 61 K 47/00.

A PROCESS FOR PREPARING A SYNERGISTIC PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF BACTERIAL AND VIRAL DISEASES.

Applicant : ZDZISLAW FIUTOWSKI, 8127 SIRON, DETROIT, MICHIGAN 48234, USA AND LESZEK FIUTOWSKI, 1443 TEMPLETON PLACE, KOCKVILLE, MARYLAND 20852, USA, CANADIAN AND AMERICAN CITIZENS RESPECTIVELY.

Inventors : (1) ZDZISLAW FIUTOWSKI, CANADA.
(2) LESZEK FIUTOWSKI, AMERICA.

Kind of Application : Complete.

Application for Patent No. 751/DEL/93 filed on 20-7-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules. 1972) Patent Office Branch, New Delhi-110005.

10 Claims

A process of preparing a synergistic pharmaceutical composition for the treatment of bacterial and viral diseases comprising mixing following ingredients in the ranges specified below :

Chlorambucil—0.1 to 1.0 mg

Procarbazine—2.0 to 25.0 mg

Cyclophosphamide—20 to 25.0 mg

and optionally adding at least, one of the following conventional additives :

Melaphalan—0.1 to 1.0 mg

Liothyronine Na—1.5 to 25.0 mg

Calcium—200.0 to 2000.0 mg.

Ref. No. : NIL.

Agent : ANAND & ANAND, ADVOCATES.

(Compl, Specn, 10 pages;

Drwng; Nil.)

Ind. Cl. : 11 C

1792S1

Int. Cl. : A 23 J-1/08

C 07 C-99/02,

AN IMPROVED PROCESS FOR MANUFACTURE

MINERALCHELATESOFAMINOACIDSINPOWDER FORM FOR AQUACULTURE.

Applicant & Inventor : DR. RAJENDRA YASHWANT ANGLE OF 2, LARISSA, 396-B, OFF. S. TEMPLE ROAD, MAHIM, BOMBAY-400016, MAHARASHTRA, INDIA AN INDIAN NATIONAL,

Application No. 296/BOH/94 filed on 29-6-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

2 Claims

An improved process for manufacturing mineral dictates of amino acids in powder form for aquaculture comprising the steps as under :—

- casein is mixed with water in stainless steel reactor and treated with Alkali to maintain PH 7.5 to 8.5,
- the casein in step A is treated with enzyme pancreatin to get protein hydrolysate solution,
- the hydrolysate solution of protein thus obtained in step B is further treated with hydrochloric acid to terminate the further hydrolysed at PH 3 to 4.5,
- the protein hydrolysate solution of step C is treated with mineral sulphate at PH 4.3 to 4.5 and stirred) at least for 1 hr. at room temperature to get the mineral delates,
- the mineral chelates thus obtained in step D is slowly mixed with Iodine with stirring to obtain the mineral chelates of amino add which is dried under vacuum to get the powder form ready to use.

(Comp). Specn. 7 pages;

Drngs,

Nil)

Ind Cl. : 11 C

179282

Int. Cl. : A 23 J-1/08

C 07 C 99/02.

AN IMPROVED PROCESS FOR MANUFACTURING MINERAL CHELATES OF AMINO ACIDS IN POWDER FORM FOR CATTLE FEED.

Applicant ft Inventor : DR. RAJENDRA YASHWANT ANGLE OF 2, LARISSA, 396-B, OFF. S. TEMPLE ROAD, MAHIM, BOMBAY-400 016, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

Application No. 297/BOM/1994 filed on 29-4-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

2 Claims

An improved processe for manufacturing mineral chelates of amino acids in powder form for cattle feed comprising reacting casein with enzyme pancreatin to get protein hydrolysate solution, as a source of amino add which was mixed

with mineral salts to obtain mineral chelates in a known manner characterised in that it is mixed with Lactose which is sprayed during drying at a temperature 65 to 80°C, under vacuum (10 mm.).

(Compl. Specn. 7 pages; Drgs. Nil.)

Ind. Cl. : 80 I [VI] 179283
Int.Cl. : B01D-27/06.

A METHOD OF PRODUCING A FILTER INSERT AND
FILTER INSERT PRODUCED BY THE SAID METHOD.,

Applicant : FTLTERWERK -MANN+HUMMEL GMBH
OF HINDENBURGSTR 37—45, POSTFACH 409, 71631
LUDWIGSBURG, GERMANY GERMAN COMPANY.

Inventors : (1) VOLKER ERNST
(2) ARTHUR KLOTZ
(3) MICHAEL KOLMEDER
(4) BERNHARD WIMMER.

Application No. 396/BOM/94 filed on 16-8-94.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules 1972), Patent Office Branch, Mumbai,13.

8 Claims

A method of producing Filter Insert comprising steps of :

- (i) Filter paper as filter material is taken of a drum and guided between a lower and tipper impressing roller thereby folded edges are impressed into filter material and also raps; reinforcing ridges or spacers may be impressed;
- (ii) the said impressed filter material is provided with a required inclined glue bead pair by means of one or two moving glue application device having two sets of nozzles, which will travel in transverse direction while filter material is stretched in longitudinal direction such that when two said devices is used only one will be active at a time and other will be inactive and located at starting point;
- (iii) the said filter material faces also provided with glue beads by means of two stationary glue application placed at each face;
- (iv) the said glued filter material is folded in accordion type (zig-zag) by means of folding device;
- (v) the said folded filter material is cured in a curing furnace;
- (vi) said cured filter material is cut, between the pair of beads end also at, horizontally at area of overlapping said glued pairs, by means of cutting machine; and
- (vii) the said filter material is mounted on inserts with surrounding PUR foam sealed and side faces of said insert is glued for sealing.

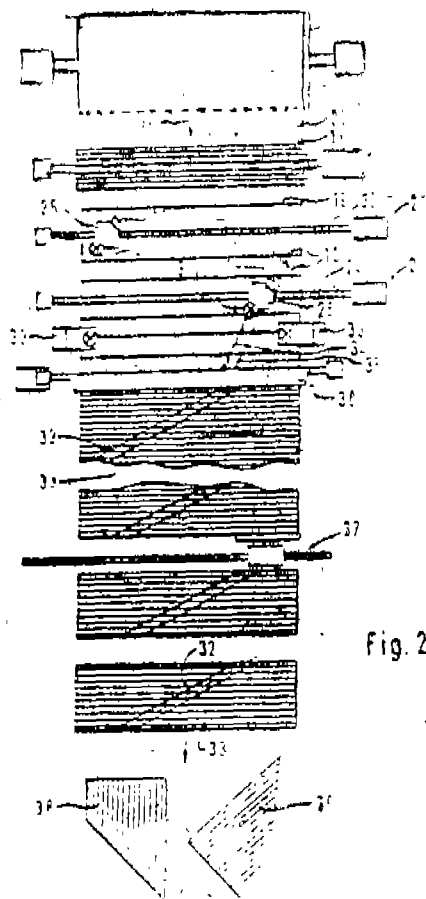


Fig. 2a

(Compl. Specn. 13 pages; Drgs 3 sheets.)

Ind. Cl. : 55 Ea + E₄ [XIX (1)] 179284
Int. Cl. : A 61 K-31/47.

A PROCESS FOR THE MANUFACTURE OF THE EXTRACT OBTAINED FROM THE AYURVEDIC MEDICINAL PLANT. VIZ. GHRTTAKUMARI (ALOE BARBADENSIS).

Applicants : M/s. J. B. CHEMICALS & PHARMACEUTICALS LTD., AN INDIAN OFFICE AT NEELAM CENTRE, 'B' WING, WORL, BOMBAY-400 025, MAHARASHTRA, INDIA.

Inventors : (1) SHRI SHIRISH BHAGWANLAL MODY
(2) SHRI PRANABH DINESH MODY
(3) DR. SHASHIKANT AVANTILAL VASAVADA.

Application No. 427/BOM/94 filed on 31-8-94.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules 1972); Patent Office Branch, Mumbai-13.

3 Claims

An improved process for the manufacture of therapeutically effective extract from the Ayurvedic Medicinal Plant, "Ghritakumari", (Aloe barbadensis), used as strong purgative, id general weakness, dyspepsia, viral hepatitis, in transdermal applications i.e. tum burns, abrasions and skin irritation which consists of the following steps :

1. The leaves of the said plant Ghritakumari, are graded shredded, the shredded material is extracted with the extracting solvent in a (304) stainless steel jacketed vessel by the kinetic maceration and extraction process as herein described above, at a temperature ranging between 40°—50°C and the extract obtained is filtered in a stainless steel sparkler filter and mixed vigorously, which is then concentrated to thick paste in a thin film vaporiser under reduced pressure at a temperature ranging between 50—55°C, is spray dried, if desired, to obtain dry powder extract.

(Compl. Specn. 10 pages; Drgs, Nil)

Ind. Cl. : 62 E [XXXII (1)] 179283
Int. Cl. : B 05 C-3/00.

AN IMPROVED DYEING MACHINE FOR DYEING OF WOVEN AND KNITTED LIGHT FABRICS.

Applicants : STAR INDUSTRIAL & TEXTILE ENTERPRISES LTD., OF MANPADE BHOPAR ROAD, DOMBIVLI (EAST), DIST. THANE-421204, MAHARASHTRA, INDIA, INDIAN COMPANY.

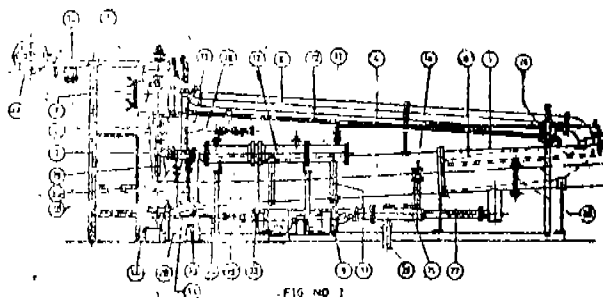
Inventor : SURESH MANHARLAL MEHTA.

Application No. 479/BOM/94 filed on 6-10-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

4 Claims

An improved dyeing machine for dyeing of woven ft Knitted light fabric comprising of autoclave consisting of header, conveyor vessel having elbow shaped at the rear end with boat connected to the main shell, conical shell, neck shell, the nozzle system to inject the dye liquor into the conveyor tube said autoclave consisting of vertically placed header shell connected to neck shell at bottom, the outer opening connected to the nozzle casing placed angularly, thereby fabric enters in the header shell through door opening, circulating liquor carry the fabric finally to the boat section, thereby moving the fabric without any tension.



(Compl Specn. 20 pages; Drags. 10 sheets.)

Ind. Cl. : 32 F₂ (b) [DC (1)] 1792S6
Int. Cl. : C 07 D-233/95

AN IMPROVED PROCESS FOR THE PREPARATION OF 1-(2'-BENZOYLOXY-N-PROPYL)-2-METHYL-5-NITROXIMIDAZOLE.

Applicants : M/S. J. B. CHEMICALS & PHARMACEUTICALS LTD AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT NEELAM CENTRE, 'B' WING, WORLI, MUMBAI 400 025, MAHARASHTRA INDIA.

Inventors :

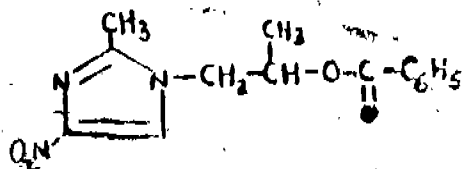
- (1) SHRI SHIRISH BHAOWANLAL MODY
- (2) SHRI BHARAT PRAVINCHANDRA MEHTA
- (3) DR. ATUL AN ANT SHRIKHANDE.

Application No. 466/Bom/94 filed on 23-09-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

3 Claims

An improved process for the preparation of 1-(2'-Benzyloxy-n-propyl)-2-methyl-5-nitro imidazole represented by the formula IA given below,



comprising of the following steps :—

(ft) 1-(2'-hydroxy-n-propyl)-2-methyl-5-nitro imidazole is dissolved in toluene and subjected to azeotropic distillation of water, a tertiary aliphatic amine i.e., heterocyclic amine was added to the reaction mixture, the reaction mixture was cooled to 20°-25°C and benzoyl chloride in the ratio of 1 : 1 to 1 : 1.5 moles was added slowly maintaining the temperature between 25-30°C during addition.

(b) the reaction mixture of step (a) was stirred or 3 hours at a temperature ranging between 30-35°C and solvent was distilled off in a conventional manner, the reaction mixture was diluted with water and the solid obtained was crystallised from toluene to yield the compound of formula IA.

(Compl. Specn. 8 Pages;

Drgs. Nil.)

Ind. Cl. : 172 D 4 179287
Int. Cl. : D 01 H, 1/08

METHOD AND APPARATUS FOR INTRODUCING A SUBSTANCE INTO A FIBRE MATERIAL, PARTICULARLY INTO A MINERAL FIBRE MATERIAL.

Applicants : ISOVER SAINT-GOBAIN, 18 AVENUE D'ALSACE 92400 COURBEVOIE, FRANCE.

Inventor : LANKER FREDERIC AND FURTAK HANS.

Application No. 542/Bom/1994 filed on Nov. 17, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

19 Claims

A method of manufacturing an improved fibre by depositing a substance, or mixture of substances, on fibres of a fibrous material, in particular of mineral, fibre material, wherein each substance, or a precursor material thereof, in gaseous state at a temperature above the temperature of the fibrous material is made to penetrate into the fibrous material, and preferably part of which is deposited on the fibres by condensation.

(Compl. Specn. 44 Pages; Drgs. 5 Sheets)

Ind. Cl. : 80, E [VI] 179288
Int. Cl. : B 01 D-25/12

A FILTER ARRANGEMENT.

Applicants : FILTERWERK MANN+HUMMEL GMBH OF HINDENBURGSTR 37-45. POSTFACH 409. 71631 LUDWIGSBURG, GERMANY, GERMAN COMPANY.

Inventors :

- (1) DR. ROLF DURRSTEIN
- (2) HANS ERDMANNSDORFER
- (3) BRUNO SOMMER &
- (4) HELMUT STORZ.

Application No. 552/Bom/1994 filed Nov. 24, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

12 Claims

A filter arrangement

- a housing,
- a centre tube connected with the housing.
- an inlet opening for a medium to be filtered and an outlet opening for discharge of filtered medium through said centre tube; and

a metal-free filter cartridge comprising a concentrically arranged, accordion-folded filter element with end plates on axial end faces thereof, at least one of said end plates being constructed to be elastic;

wherein said elastic end plate forms a radial seal, and a flexible support ring is embedded in said elastically, constructed end plate adjacent said radial seal.

(Compl Specn. 15 Pages; Drgs. 4 Sheets)

Ind. Cl. : 119 B [XXI (3)] 179289
Int. Cl. : D 03 D-51/24

AN APPARATUS TO REMOVE THE FIBROUS MATERIALS WHILE WEAVING A FABRIC.

Applicants : GOUNAI REED CO.LTD., 2158, HAYASHI KURASHIKI (-SHI) OKAYAMA, JAPAN, JAPANESE NATIONAL.

Inventors :

- (1) MASANARI KAMIMURA
- (2) MASAMI HIRAI.

Application No. 608/Bom/94 filed Dec. 20, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

4 Claims

An apparatus to remove the fibrous materials while weaving a fabric comprising at least a rotary spray nozzle (1) movable in the direction of the array of dropper pins (2), secured on the rail of the weaving machine with at least one dust collection container (3) provided therein for the removal of loose fibrous material generated during weaving.

(Compl. Specn. 11 Pages; Drgs. 4 Sheets)

Ind. Cl.: 32 F2 179290
Int. Cl. : C O 7

AN IMPROVED PROCESS FOR THE PREPARATION OF ALKYL PYRAZINES FROM DIOLS AND DIAMINES.

Inventors :

- (1) DR. ATMA BANDHU GUPTA
- (2) DR. PRADEEP KUMAR VERMA.

Application No. 09/Bom/95 filed on 04-01-95.

(62) Divisional to 77/Bom/93 dated 15-3-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

9 Claims

A process for the preparation of alkyl pyrazines from corresponding diols and diamines which comprises passing vapours of a solution of an alkylene glycol and alkylene diamine through a bed of improved Zn-Cr-based catalyst such as herein described, said catalyst bed having been pre-treated and pre-activated with a stream of gases like mixture of N₂ and H₂ the catalyst bed being maintained at a temperature not exceeding 500°C for the conversion of alkylene glycol and alkylene diamine into alkyl pyrazine.

(Compl. Specn. 9 Pages; Drg. Nil)

Ind. Cl. : 68 D, E 179291
Int. Cl. : H 02 H 3/00

A RECLOSER APPARATUS

Applicant : A B CHANCE COMPANY, A CORPORATION OF THE STATE OF DELAWARE, OF 210 NORTH ALLEN, CENTRALIA, MISSOURI 65240, U.S.A.

Inventor : I ENGINE I. KAMP, U.S.A.,
5-247 GI/97

Application No. 1045/Mas/90 filed December 27, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Madras Branch.

12 Claims

A recloser apparatus comprising :
an enclosure:

a current interrupter disposed within the enclosure and including a pair of relatively movable contacts movable between a closed, current-carrying position and an open, current-interrupting position;

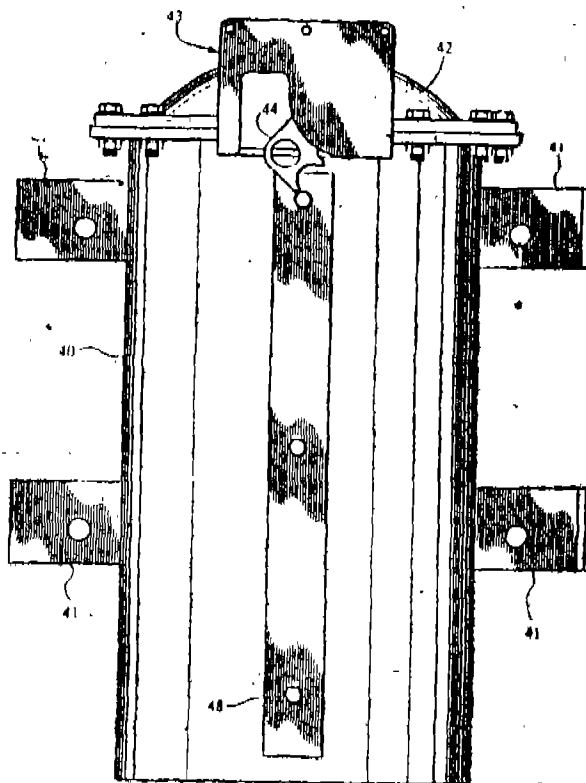
first contact moving means for moving the contacts to the closed, current-carrying position;

second contact moving for moving the contacts to the open current-interrupting position;

control means for electronically controlling operation of the first and second contact moving means, the control means including sensing means for sensing a fault current experienced by the apparatus, fault induced interruption initiating means for initiating operation of the second contact moving means in response to a fault current sensed by the sensing means, & closing means for initiating operation of the first contact moving means after each one of a predetermined number of operations of the fault induced current interruption means, the fault induced interruption initiating means operating to repeatedly initiate operation of the second contact moving means after each operation of the closing means in response to a continued sensed fault current; and

an operating assembly comprising an operating arm which is movable relative to the enclosure between an upper, intermediate and lower position, the operating assembly including circuit means for signalling the control means to initiate operation of the first contact moving means when the operating arm is manually moved to the upper position and lock-out means for locking the first contact moving means against subsequent movement when the operating arm is in the lower position.

Agent : DePenning & DePenning.



(Compl 39 Pages, Drgs. 2 sheets)

Ind. Cl. 99-C

179292

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

Int. Cl.⁴: B & D 1/16

A BARREL HAVING A BUNG.

Applicant MAUSER-WERKE GMBH, OF SCHILD-
GESSTR. 71-163 5040 BRUHL, FEDERAL, REPUBLIC
OF GERMANY, A GERMANY CO.

Inventors :

- (1) DIETMAR PRZUTULLA
- (2) MARTEN BURGDORF.

Application No. 132/Mas/91 filed on 18th February 1991.

Appropriate Office for Opposition Proceeding (Rule 4,
Patents; Rules 1972) Patent Office Madras Branch.

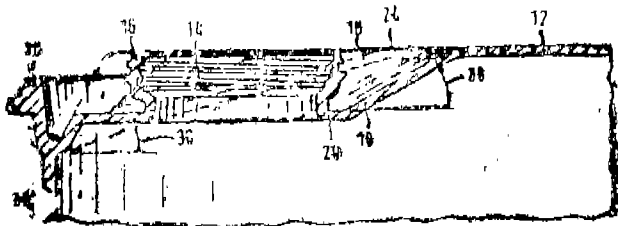
8. Claims

A barrel, having a bung and made of thermoplastic material, with a carrying and transport ring (30) arranged surrounding the barrel wall (22) in the vicinity of, the upper and (12), and with at least one bung hole socket (16) arranged in the edge region of the upper end (12), the socket being suak in a bunghole wicket housing (18) in such a manner that the end surface of the bung hole socket (16) is flush with the external surface of the upper and (12) or lies slightly therebelow, characterised in that the upper & (12) additionally to or apart from the bung hole socket housing (18) has a planar part, shaped substantially as a portion of a circle, or has a sloping part (10) which is symmetrically formed on both sides of the bung hole socket (16) and, is recessed to at to extend lightly doping at in angle inwards into the body of the barrel as seen in the standard position of the barrel the lowest point of the sloping part (10) being on the side of the barrel casing (22) in the vicinity of the bung hole socket (16) and opening there into the lower-lying place of the floor of the bung hole socket housing (20), or into the bunghole socket (16).

Ref. : DE-PS-2914931

US-PS-3394747 & 4094432

Agent: Depenning & Depenning.



(Compl Specn 19 Pages; Drgs 5 Sheets)

tad. Cl.

131-A₂

3

179293

Int. Cl.⁴: E 21 B 33/04

A WELL CASTING HANGER ASSEMBLY

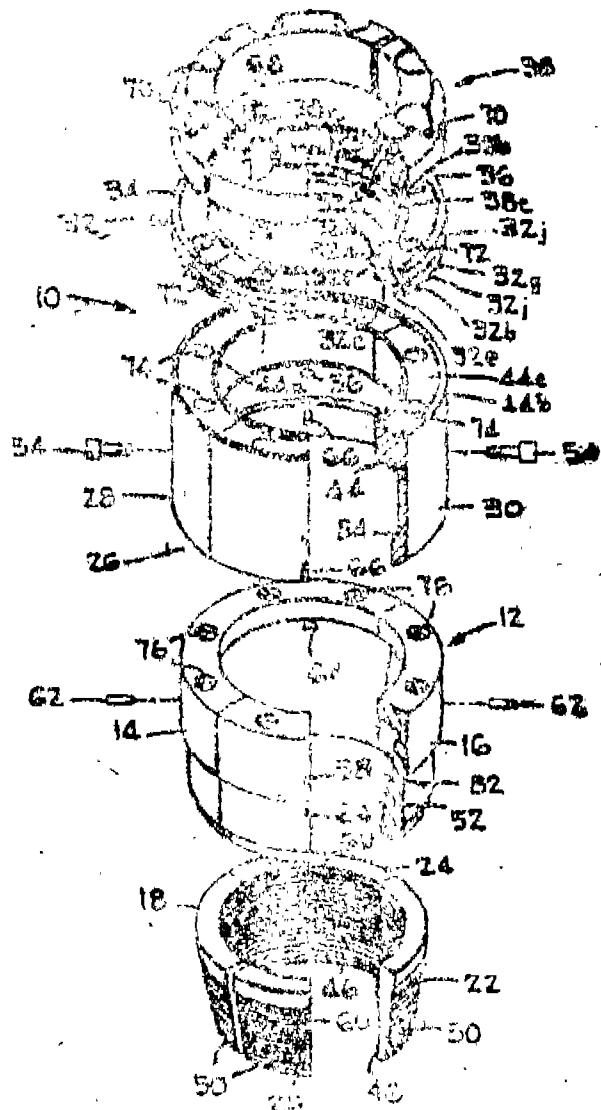
Applicant : FMC CORPORATION, A DELAWARE COE-
PORATION, OF 200 EAST RANDOLPH DRIVE, CHI-
CAGO, ILLINOIS 60601, U.S.A.

- (1) DAVID EARL CAIN
- (2) KEVIN PATRICK LONG
- (3) JOHN CHARLES VICIC
- (4) RONALD WILLIAM HENLEY

8 Claims

A well casing hanger assembly with a wide temperature range seal for supporting a well casing in an annulus of well head element and effecting and maintaining a bidirectional fluid seal in the tumulus between said casing and wellhead element, the said well casing hanger comprising; a plurality of arouate slips; an anular slip bowl having an outer annular shoulder and a frustoconical inner surface against which the slips reside; a false bowl surrounding the slip bowl and having an inner annular shoulder, said outer and inner annular shoulders cooperating to axially support said slip bowl on said false bowl in a set position of said casing hanger assembly; a lower junk ring above said false bowl; an upper junk ring above told lower jung ring an annular elastomeric seal element between said upper and lower junk rings; and connecting means for slidably connecting the junk rings and the seal element to the slip bowl allowing limited axial movement.

Agent : DePenning & Depenning.



(Compl. Specn 12 Pages; Drgs 2 sheets)

Ind. Cl. : 127-F

179294

Ind. Cl. :

32-E

179295

Int. Cl.⁴ : F 16 H 37/06Int. Cl.⁴ : C 08 F 10/00

AN ELECTROMECHANICAL DEVICE.

Applicant : AVIAC, A FRENCH COMPANY OF 249, RUE DE LA GARENNE 92000 NANTERRE, FRANCH. AND CREUSOT LCIRE INDUSTRIE: A FRENCH COMPANYMY OF IMMEUBLE ILE DE FRANCE 4, PLACE DE LA PURAMIDE 92800 PUTEAUX, FRANCE.

Inventors:

(1) MARTINEZ IVES

(2) NEUVESSEL JACQUES

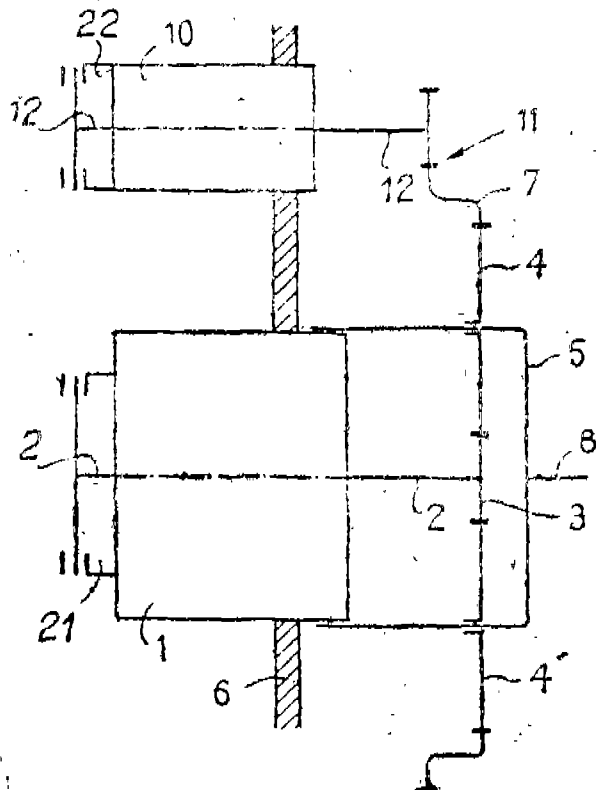
Application No. 303/Mas/91 filed on 16th April 1991.

Appropriate Office for Opposition Proceedings (Rule 4,

10 Claims

ting characterised in that it comprises further an auxiliary motor(10) coupled with the reaction member (7) by means

and the second releasable locking means (22) being released when the main motor is at standstill and when the auxiliary motor must operate.



PROCESS FOR THE PREPARATION OF A POLY-1-OLLEFIN.

Applicant : HOECHST AKTIENGESELLSCHAFT D- 6230

FRANKFURT AM MAIN 80 FEDERAL REPUBLIC OF

GERMANY A GERMAN COMPANY.

Inventors : LUDWIG BOHM

Application No. 342/Mas/91 filed on 30th April 1991

group I,II or III of the peiodic table (Component B), which comprises carrying out the polymerization in the presence of a catalyst in which the component A has been prepared by reacting a transition metal compound of titanium zirconum, yanadium or choromum with gel-like dispersion of

particle size of approximately < 1mm

Ref. cited :U.S Patent No. 3644318

: Europe Patent No. 223011 & 319173

Agent : Depenning & Depenning

DEVICE FOR THE AUTOMATIC PIECING OR START SPINNING OF A THREAD

Applicant : MACHINENFABRIK RIETER AG, A BODY

CORPORATE ORGANISED UNDER THE LAWS OF SWIT-

ZERLAND OF WITERTHUR, SWITZERLAND

Inventors:

(1) ROLF BINDER

(2) MARTINWITSCHI

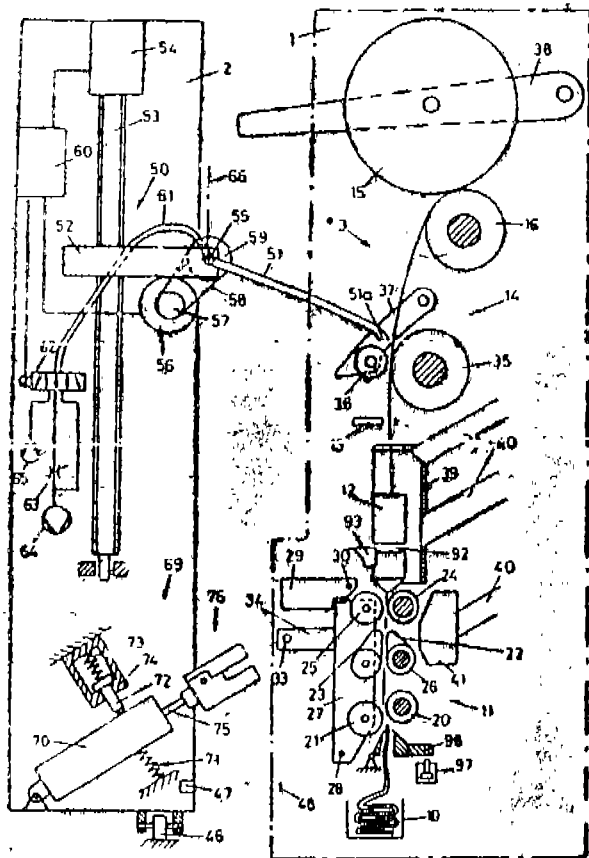
BOTH ARE CITIZES OF SWITZERLAND.

Application No. 446/Mas/91 filed on 11th June 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

units (3), the suction pipe orifice (51a) is movable to the places to be cleaned on the spinning units (3) on the basis of a preprogrammed work cycle.

Agent : DePenning & DePenning.



(Compl Specn 13 Pages;

Drgs

2 Sheets)

Ind. Cl : 68 E I

179297

Int. Cl.⁴ : G 05 F 3/16

AN ELECTRONIC REGULATOR FOR DC DIRECT LIGHTING SYSTEMS.

Applicant : LUCAS-TVS LIMITED, PADI, MADRAS-600 050, TAMIL NADU, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

- (1) KRISHNAVILASAM RAGHAVAN ANANDAKUMARAN NAIR, INDIA
- (2) REVANLUHARTNDRANATH SUDHAKAR, INDIA
- (3) SRINIVASAN KRISHNA KUMAR, INDIA.

Application No. 468/Mas/91 dated 18th June 1991.

Appropriate Office for Opposition Proceedings Rule 4, Patents Rules 1972), Patent Office, Madras Branch.

8 Claims

An electronic regulator for a dc direct lighting system comprising a voltage-divider for detecting the voltage of the dynamo of the system; a first transistor to whose output the field coil of the dynamo is connectable; a second transistor having the base of the first transistor in its output circuit; a third transistor having the base of the second transistor in its output circuit; a zener diode in the base circuit of the third transistor such that the held coil is excited whenever the first transistor conducts but when the voltage of the dynamo exceeds a first value the zener diode reaks down to switch on the third transistor whereupon the first and second transistor* switch off until the said voltage falls to the first value; a reed switch in the outut circuit of the second transistor said switch being disposed in an adjustable metal sleeve with a sensing coil for carrying the load current wound around it such that when the said current exceeds a second value the

reed switch goes on to switch off the Second transistor causing the first transistor to switch off until the said current falls to the second value.

Agent : Kamath & Kamath.

(Compl. Specn. 11 Pages;

Drgs.

2 Sheets

Ind. Cl. : 94-A

179298

Int. Cl. : B 02 C 17/00.

FLOW RATE REGULATOR FOR USF IN BALL MILL HAVING AN OUTER SHELL.

Applicant : KURIMOTO, LTD. 12-19 KITAHORTA 1-CHOME, NISHI-KU, OSAKA JAPAN. A JAPANESE CORPORATION.

inventors : 1. YASUO INUI. 2. NOBUHTTO YAGI.

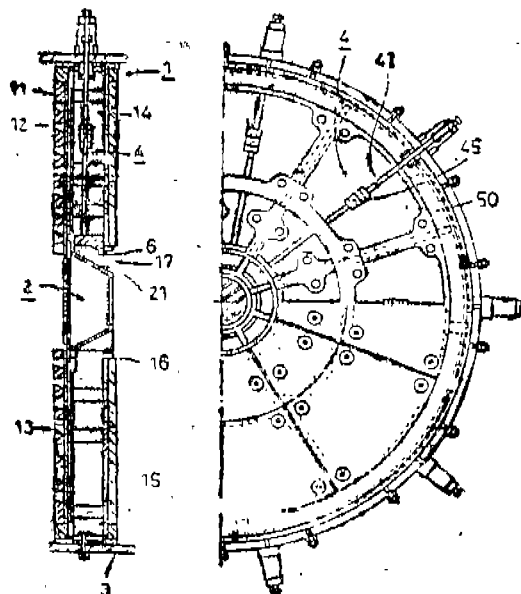
Application No. 20/Mas/91 filed on 9th July 1994

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Madras Branch.

Claims 3

A flow date regulator for a ball mill having outer shell comprising a partition diaphragm which divides a ball mill into not less than two grinding chambers; said partition diaphragm comprising screen plate facing to a primary grinding chamber side, blidi plate facing to a secondary grinding chamber side and a diaphragm chamber formed between said two plates around a center core; and wherein a disc controller to perform opening and closing operation of a discharge opening of the diaphragm chamber is mounted on an outer shell of the ball mill so as to move forward and backward; sai ddisc controller comprise; a disc adjust bar mounted on the outer shell of the mill so as to move forward and backward; a disc holder bar connected to said disc adjust bar through a universal joint so as to be bendable; and a control disc mounted on one end of said disc adjust bar and having a circular surface of the center core.

Agent : DEPENNING & DEPENNING



(Com. 16 Pagee;

Drwgs, 4 Sheets)

Ind. Class 206-C

179299

Int. Cl. - H 01 Q 13/28.

A COMPACT MULTIBAND ANTENNA FEED ASSEMBLY FOR PRIME-FOCUS ANTENNA.

Applicant : INDIAN SPACE RESEARCH ORGANISATION, OF ANTARIKSH BHAVAN, NEW BEL ROAD, BANGALORE-560 094, INDIA, AN INDIAN COMPANY.

Investors : (1) P. P. KALE, (2) S. DEIVENDRAN, (3) N. P. MEHTA, (4) R. B. BAVARIA. ALL CTIZENS OF INDIA.

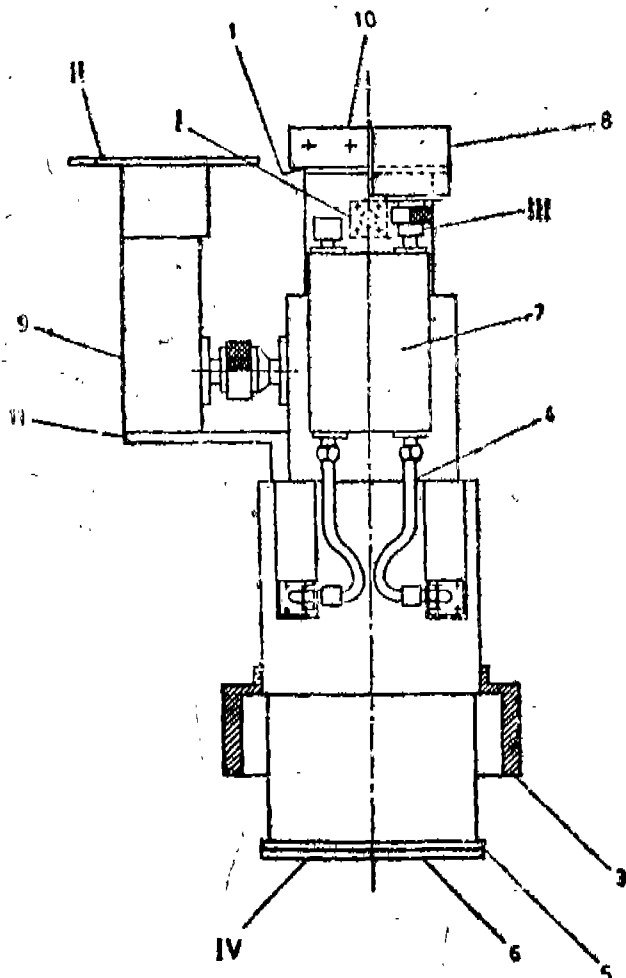
Application No. 667/Mas/91 dated September 5, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

-2 Claims

A compact multiband antenna feed assembly for prime focus antenna comprising a hollow, cylindrical waveguide feed having three portions (13, 16, 19) with different diameters in two steps (14, 17), the waveguide portion (13) with the smallest diameter having a shorted end (1) and an E-plane metallic probe (2) for the excitation signal of 6-GHz through a coaxial panel receptacle (12) protruding inside and located at a distance from the shorted end for matching the required RF signal, a middle waveguide (16) portion between the largest diameter portion (19) and the smallest diameter portion (13) having a coaxial probe (15) for excitation signal of 4-GHz orthogonal to the probe (2) for the excitation signal of 6-GHz, the largest diameter waveguide portion (19) having two coaxial ports (20) for excitation signal of 2.5GHz orthogonal to each other and located at the same distance from the steps (14, 17), a dielectric ring (18) being provided at the step (17) between the said largest diameter waveguide portion (19) and the said middle waveguide portion (16) a choke-flange (3) having a diameter greater than the largest diameter waveguide portion (19) mounted firmly on the said waveguide feed between the 2.5-GHz excitation parts (10) and the aperture of the said waveguide feed with the evening of the said choke-flange parallel to the aperture of the said waveguide feed, and filters (8, 9) of compact Evanescent mode design to pass 2.5-GHz and 4-GHz signals and isolate 6-GHz signals, the said 2.5 GHz filter (8) having coaxial input and output ports and the said 4-GHz filter (9) having a rectangular standard WR-229 waveguide output port and a coaxial input port.

Agents : M/s. DePenning & DePenning.



(Com. - 17 sheets;

Drawings - 3 sheets)

Ind. Cl. : 206-E

179300

Int. Cl.⁴ : C 06 F 3/02.

"A PERSONAL COMPUTER."

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, USA. OF ARMONK, NEW YORK, 10504. USA.

Inventors : RICHARD FRANCIS POLLITT

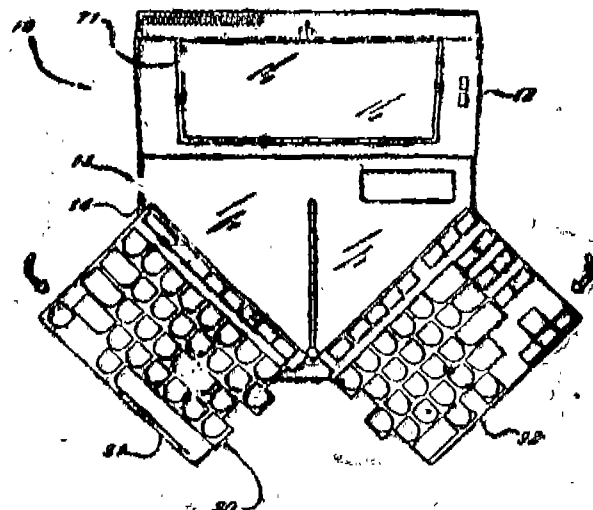
Application No. 689/Mas 91 filed on 11th September 1991.

Appropriate Office for Opposition Proceedings Rule 4, Patents Rules. 1972), Patent Office, Madras Branch.

20 Claims

A personal computer comprising an elongate housing; having a predetermined outline configuration and defining a housing axis; computer operating components mounted in said housing; and a keyboard assembly operatively associated with said housing and said computer operating components and comprising first and second keyboard portions each bearing manually engageable elements for entering characters and commands, said portions being operatively coupled together for pivotal movement one relative to the other about a keyboard axis perpendicular to said housing axis and operatively coupled with said housing for movement relative thereto between a non-use stored position and an opened use position, said keyboard assembly being pivotable about said keyboard axis and having, when moved to said stored position, dimensions received wholly within the outline configuration of said housing

Agent : Depenning & Depenning



(Com. 26 Pages;

Drawings 5 Sheets)

Claim under Section 20(1)

In pursuance of leave granted under Sec. 20(1) of the Patents Act, 1970 application No. 351/Ca/90 (175622) made by Commonwealth of Australia has been allowed to proceed in the name of Minnesota Mining and Manufacturing Company, U.S.A.,

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970)

In pursuance of leave granted under Section 20 (1) of the Patents Act 1970 application No. 316/Del/90 of Health advances, inc.....has been allowed to proceed in the name of Westaim Technologies Inc., Canada.

OPPOSITION PROCEEDINGS

An Opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a patent to the Application No. 170348 (742/Del/87) has been dismissed and the application for patent has been ordered to proceed for sealing.

OPPOSITION PROCEEDINGS.

An Opposition has been entered by LIFE CARE PRODUCTS (P) LTD CHENNAI on Patent Application No. 177309 1349/Mas/93) made by Shri SESHADRI SOUNDARA RAJAN, COIMBATORE

OPPOSITION PROCEEDINGS

An Opposition has been entered by Mr. Pavuluri Rama Shridhar, Pune -411 004.

RENEWAL FEES PAID

176917 176918 158510 162206 162209 164940 165360 170473
170615 171182 171536 176939 171572 172677 175394 177139
175474 175475 166048 176920 165358 158986 171122 171811
173598 171321 173597 174395 163257 176911 167969 176105
168184 169918 166047 166045 167776 170489 170612 170500

177151 177149 177047 177148 177146 177153 177152 177156
177154 177155 177159 176939 164875 164876 166044 168607

169244 176394 176298 171068 176917 176918 166974 166049

167753 171011 172110 174650 175297 176084 176092 176404

176867 175717 175743 171012 165527 175851 177313 177317

161455 176139 175847 1666967 166968 167852 171069 172634

172726 173984 176129 163712 166662 175848 161615 161498

167585 167958 176414 174936 175806 172085 165802 167833

169264 176554 176094 165341 176553 176002 175748 176271

170749 176599 167971 168538 160842 175841 175853 163902

166861 167664 168704 161284 173498 174845 172740 171365

171418 174783 175137 175451 175572 176605 176691 176873

164806 176173 167012 166780 167584 172732 164317 174472

161279 161280 160744 174810 167016 175716 163390 164807

174621 161488 172081 174638 175004 175041 167916 167105

CESSATION OF PATENTS

174421 175989 175260 176528

PATENT SEALED ON 22-08-97

177504 177525 177611 177612 177613 177614 177615 177616

177617 177618 177621 177622 177623 177624 177628

177629 177630 177632 177634 177635 177636 177637

177638 177639*D 177641 177642 177644 177646 177647

177648 177649*D 177650*D 177651 177652 177653 177654

177655 177656 177658 177651 177652 177653 177654

177665 177666 177667 177668 177669*D 177670*D

cal- 49, DEL - NIL. MUM - NIL, CHEN - NIL

Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section. 87 of the Patents Act,

1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents, F—Food Patents

REGISTRATION OF DESIGN

the following designs have been registered. They are not open to inspection for period of two years front the date of registration except as provided for in Section 50 of the Designs Act 1911

The date shown in the each entries is the date of the registration included in the entries.

Class 1. Nos. 171622, 171629, 171631 & 171634
paramount Trading Corporation Travela Street
Moradabad U.P. India, a regd partnership firm
of above address DECORATION PIECE " 26th
June 1996.

Class 1. No. 171601, Casio King, Lakkar Bazar Ludhiana
Punjab, India an Indian Proprietorship firm
SEWING MACHINE" 24th June 1936

Class No. 171602 B Ratra & Company 329-A, Industrial
Area A Ludhiana -3, Punjab, India an Indian Pro-
prietorship firm of above address "ZIG - ZAG IN-
DUSTRIAL SEWING MACHINE" 24th June
1996.

India, "COMB" 3rd July 1996.

Class 3. Nos. 171679 & 171680 Dr. Saibal Gupta of Flat No.
43C, Saptapara 58/1 Ballygunge Circular Road
Calcutta-700019 West Bengal India and of Indian
nationality "PERMANENT BODY IMPLANT-
ABLE PACING LEAD WITHOUT FLUORO-
SCOPY " 27th June 1996.

Class 4. Nos. 171655 to 171672 H & R Johnson (India) Ltd,
305, Kakad Chambers 132 Dr. Annie Besant
Road Worli, Mumbai-400018, India, TILE " 26th

Class 4. Nos. 171685 to 171685, H & R Johnson (India) Ltd.
305, Kakad Chambers 132 Dr. Annie Besant
Road Worli, Mumbai-400018, India, Tile " 1st

trial Area, Phase I, New Delhi -28 India, an Indian
national "SHOE" 3rd July 1996.

Class 10, Nos. 172230 to 172232, Friends Marketing Com-

pany of 9/635 Alliahabad Bank Bldg Moti Katra

Road, Agra. U.P. India an Indian sole proprie-
torship concern of above address "SOLE OF
FOOTWEAR" 30th September 1996.
Class 10, No. 172280 172281 M.A Rubber Industries of

124551 New Chaurigh, Road Shalgaon Agra
U.P. India an Indian Partnership concern "SOLE
OF FOOTWEAR " 30th September 1996

Class 10. No. 172233 Progressive Companies (P) Ltd ,F
245/19 Kamla Nagar Agra U.P. India, an
Indian Company "SOLE FOR FOOTWEAR",
23rd September 1996.

T. R. SUBRAMANIAN
Controller General of Patent & Design Trade Marks

प्रकाशक, भारत सरकार मद्रासालय, फरीदाबाद द्वारा मद्रास
मार्ग प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1997

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